



# ***U.S. Air Force Operational Medicine: Using the Enterprise Estimating Supplies Program to Develop Materiel Solutions for the EMEDS Specialty Care Augmentation Team***

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## ***Naval Health Research Center***

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## **Executive Summary**

The Naval Health Research Center (NHRC) has used its modeling and simulation capability to develop and update conventional U.S. Air Force medical assets since 2004. Air Force medical modeling capabilities currently capture care and treatment of the sick and injured from the first responder through theater hospitalization.

The objective of this study was to leverage medical modeling and simulation advantages to provide recommendations for allowance standard (AS) configurations based on the Air Force Expeditionary Medical Support (EMEDS) Specialty Care Augmentation Team operational and clinical requirements, specifically the Gynecology 917RA (GYN), Pediatrics 917RB (PEDS), and Internal Medicine (INTMED) components. NHRC analysts reviewed the EMEDS Specialty Care Augmentation Team Unit Type Codes (UTCs), analyzed clinical requirements with subject matter experts, and used modeling and simulation tools to develop updated operationally-based and patient-driven baselines for supplies.

The UTCs' capabilities, operational requirements, and materiel solutions were identified, addressing issues of clinical requirement, standardization, and redundancy. The material from the supporting EMEDS-Health Response Team was used where appropriate. This optimization ensures the material required for clinical tasks is not over estimated and is drawn from the correct supporting UTC. The optimization accounts for a large portion of the changes, as it relates to the AS. In summary, the 917RA shows a 30% decrease in weight, 37% decrease in volume (cube), and 43% decrease in cost; the 917RB shows an 11% decrease in weight, 10% decrease in cube, but a 2% increase in cost. No allowance standard was available for comparison to the INTMED FA, but a baseline was developed based on clinical requirements and the number of patients seen in the patient stream.

Modeling a medical system like the EMEDS Specialty Care Augmentation Team, with a range of capabilities and functional areas, validates the materiel solutions for each UTC. It is effective in establishing a baseline and allows for future AS revisions that focus on advancing the mission, advancing operational employment, and enhancing the capabilities of these agile, deployable medical resources.

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## Introduction

The Naval Health Research Center (NHRC) has used its modeling and simulation (M&S) expertise to develop and update U.S. Air Force medical capabilities, allowance standards (AS), and surgical subspecialty Unit Type Codes (UTCs) since 2004. Air Force medical units must remain small, light, and flexible. Based on the success of previous work, the Air Force asked NHRC to conduct a study of the Expeditionary Medical Support (EMEDS) Specialty Care Augmentation Team, specifically the Gynecology 917RA (GYN), Pediatrics 917RB (PEDS), and Internal Medicine (INTMED) components (Wing, 2010).

The Air Force Medical Services are faced with a wide range of potential scenarios, from providing war fighters forward resuscitative care to assisting civilian populations during humanitarian relief operations. Air Force planners and UTC developers have closely followed the Joint Vision 2010 concept of providing highly mobile medical resources with a minimal logistic footprint, without compromising capability (Office of the Joint Chiefs of Staff, 1998). Additionally, guidance provided by the Joint Vision 2020 calls for a more scientific approach that leverages existing information technologies to support modern operational capabilities (Office of the Joint Chiefs of Staff, 2000). Emphasis on mobility and capability result in a modular approach to prepare, plan, and deploy the EMEDS Specialty Care Augmentation Team expeditionary medical platform.

## Method

The NHRC method of modeling medical supply requirements was developed to establish and/or review medical inventories for various levels of care. The aim is to give clinicians in the field the needed materiel to provide the best care possible, while still maintaining as small logistical footprint. This is accomplished through a process that begins with the identification of likely patient types to be encountered by a particular type of medical treatment asset, including combat wounds, nonbattle injuries, and illnesses. *International Classification of Diseases*, Ninth Revision (ICD-9) coded patient conditions that have been selected by the Defense Medical Materiel Program Office are used for this purpose. Figure 1 illustrates the NHRC processes used when developing an M&S package.

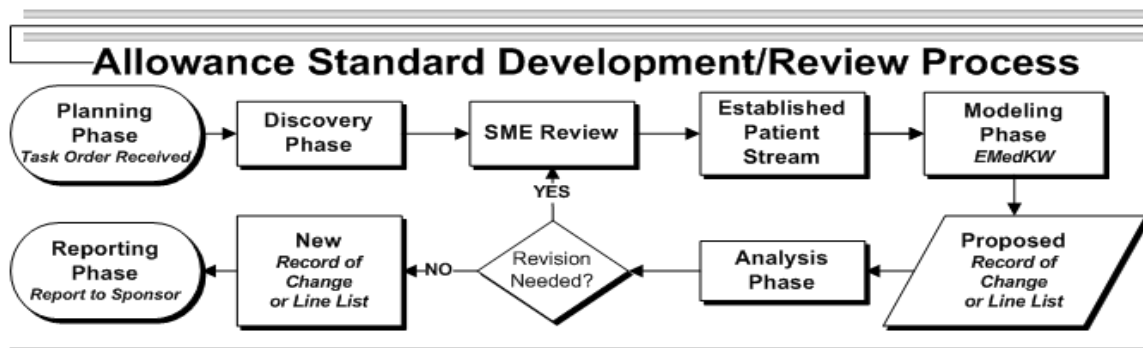


Figure 1. An example of the NHRC AS review process.



## **Subject Matter Expert Guidance**

A subject matter expert (SME) panel was interviewed at a Functional Development Evaluation (FDE) conducted on 7–10 February 2011 at Travis Air Force Base. At this meeting, SMEs and NHRC analysts refined and validated assumptions regarding equipment and supply associations, and the range of patient types these UTC's are designed to treat.

## **Patient Stream**

To determine the initial supply and equipment requirements, NHRC analysts developed a scenario depicting the range of patient types that would be seen and treated at a deployed military treatment facility. To do this, they used the patient condition occurrence frequency (PCOF) tool, which generates a patient stream that is comprehensive in both the range of patient types and the frequency at which they present. Additionally, gender and age distribution information was developed using existing data and SME guidance to augment the PCOF tool data. An earthquake scenario was chosen for this study. Using a Poisson process and the rates provided by the PCOF tool, the patient stream was developed to realistically emulate the medical demands consistent with the chosen scenario. Once the scenario was complete, it was accepted by the Manpower and Equipment Force Packaging System (MEFPAC).

Using the patient stream, medical supplies for the EMEDS Specialty Care Augmentation Team were generated using the Enterprise Estimating Supplies Program (EESP). The program simulated an average GYN/PEDS/INTMED throughput of 190 patients per day out of 517 total patients seen per day by the EMEDS Health Response Team (HRT). The scenario covered 16-hour work days over a 7-day period. Due to the random nature of the Poisson process, the number of selected patient types rarely exactly matches the number of patients in the chosen scenario, but is representative of the stochastic nature of patient presentations. In this case, a total of 1,323 patients were seen by the EMEDS Specialty Care Augmentation Team out of 3,610 total patients seen by the EMEDS HRT.

## **Expeditionary Medical Knowledge Warehouse**

The patient stream is input to the Expeditionary Medical Knowledge Warehouse (EMedKW) to perform M&S. EMedKW is composed of the EESP, the Tactical Medical Logistics Planning Tool, and the ReSupply Validation Program. EMedKW is a service-oriented architecture system designed to store and organize medical data. EMedKW provides the ability to estimate the equipment and consumable items needed to treat a particular patient distribution, while also tracking inventory to monitor mission readiness. Within EMedKW, the tasks required to treat each ICD-9 code are identified and matched with the required equipment and consumable items. Analysis and review of the output provides the appropriate recommended modifications to each AS under review.

The following example describes the EMedKW data structure (see Figure 2). The task profile shows the likely clinical tasks to be performed on this type of patient in the “Triage/Pre-Op” functional area, and the percentage of those patients expected to receive them. The “Equipment & Supplies” column identifies the items a medical provider needs

to complete the “Insert Endotrach Tube” task at that level of capability. Not shown in this figure are additional data fields used to calculate supply quantities, including the amount of each supply needed to complete the task, how often the task will be repeated in the first 24 hours of treatment, how often the task will be repeated in each subsequent 24-hour period, and the average length of stay at that facility.

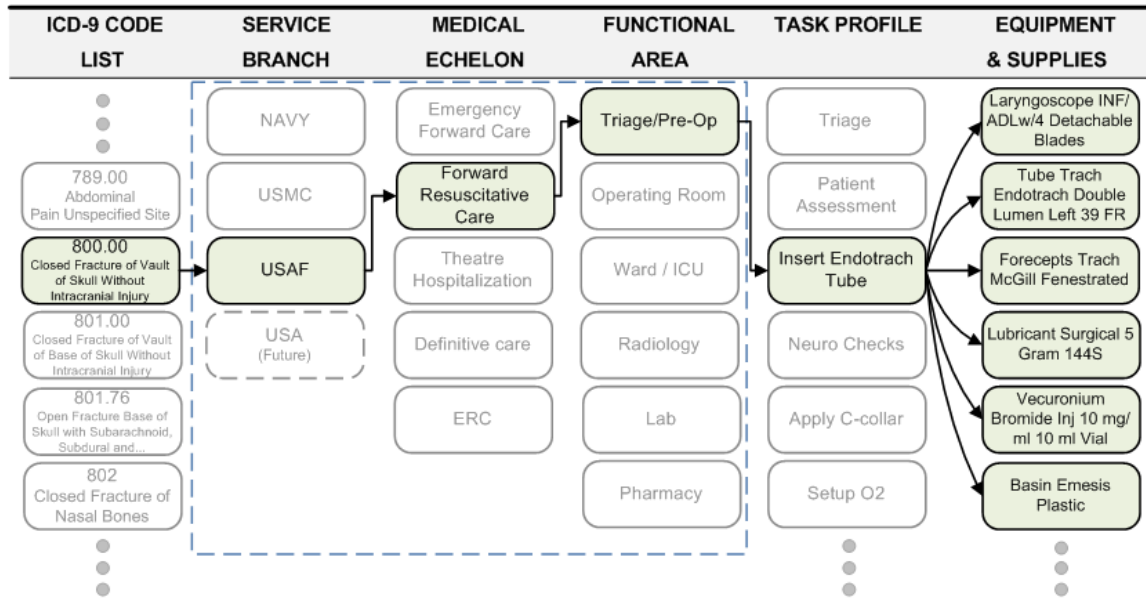


Figure 2. An example of NHRC’s programmatic modeling process using a patient ICD-9 Code 800.00.

## GYN

A baseline of the Air Force Specialty Care Augmentation Team GYN supplies and equipment package was established as an additional medical capability to the EMEDS HRT. A patient stream was used to simulate the materiel requirements for the range of outpatient cases and non-surgical injuries and illnesses. More severe surgical and emergent wounds would typically be seen and treated by the EMEDS HRT Emergency Room (ER). A total of 38 patients per day were seen by the GYN team over a 7-day period, for a total of 264 patients. The patient stream can be found in Appendix A.

### Capability

This functional area (FA) provides limited GYN services and an emergent Obstetrics (OB) capability. Personnel and equipment provides support for a 16-hour day over a period of 7 days, includes non-complex medical, non-surgical care for non-life threatening situations, and is not a stand-alone capability. It must be supported by and will deploy with the EMEDS HRT. Only limited, minor emergent care is provided if no room is available in the EMEDS HRT. Staffing is composed of one obstetrician/gynecologist (045G3), one clinical nurse OB (046N3G), and one aerospace medicine technician CFM (4N071).

## Quantity Differences

Recommended changes to the GYN AS are based on clinical requirements. The overall result of recommended changes resulted in a 30% decrease in overall weight, a decrease in cube of 37%, and a cost decrease of \$5,939. Table 1 shows an overview of the changes by category. A detailed listing of AS recommended changes is provided in Appendix B.

Change to equipment is minimal. A tympanic thermoscan thermometer is recommended for addition and the wall mounted thermometer is recommended for deletion since it is currently provided in the 938A.

The majority of recommended changes include deleting items that can be provided from the 938AE and 938AK. There were 28 medications optimized from the 938AE pharmacy AS, and nine consumables optimized from the 938AK logistics AS. The quantities used from these FAs are listed in Appendix C.

Twenty-eight medications of the 36 listed in the 917RA are recommended for deletion and should be optimized from medications currently in the 938AE. Optimizing medications with the 938AE decreases the 917RA weight by 92%, decreases cube by 93%, and decreases cost by \$5,060. This is the largest change in the study. Ceftriaxone and magnesium sulfate were recommended for increase and ondansetron HCL was recommended for decrease based on the patient stream.

Nine consumables are recommended for deletion and can be optimized from the 938AK. Optimizing the consumables with the 938AK will decrease the weight by 1%, decrease cube by 21%, and decrease cost by \$481. The three exam glove sizes (large, medium, and small) are available in the 938AK. Additionally, there were two different thermometer covers listed for one type of thermometer. Recommended changes include deleting thermometer covers and exam gloves that are provided from the EMEDS HRT 938AK. Recommended additions to the 917RA include disposable vaginal speculums, which are needed to perform routine GYN exams, and re-sealable plastic bags, which are used to dispense medication.

Several items were not modeled or called out in the patient stream. Items not modeled include levonorgestrel, condoms, sexual assault kits, and intra-uterine devices. These items do not support the clinical requirements related to any patient in the modeling process. The level of items that were not called out in the patient stream or not modeled remained unchanged in the overall calculation.

Table 1  
*GYN Weight, Cube, and Cost Analysis*

Category	Weight (lbs)	Cube (cu ft)	Cost
917RA equipment	72.54	19.91	\$3,357.67
EESP equipment	73.12	19.89	\$2,959.21
Difference	0.58	-0.02	-\$398.46
Percent change	0.80%	-0.10%	-11.87%



Category	Weight (lbs)	Cube (cu ft)	Cost
917RA medicine	140.73	21.60	\$5,705.89
EESP medicine	11.59	1.50	\$645.99
Difference	-129.13	-20.10	-\$5,059.90
Percent change	-91.76%	-93.06%	-88.68%
917RA consumables	227.57	29.20	\$4,714.85
EESP consumables	225.20	22.93	\$4,234.33
Difference	-2.37	-6.27	-\$480.52
Percent change	-1.04%	-21.46%	-10.19%
917RA AS total	440.84	70.70	\$13,778.41
EESP total	309.92	44.32	\$7,839.53
Difference	-130.92	-26.39	-\$5,938.88
Percent change	-29.70%	-37.32%	-43.10%

## PEDS

A baseline of the Air Force Specialty Care Augmentation Team PEDS supplies and equipment package was established as an additional medical capability to the EMEDS HRT. The patient stream was used to simulate the materiel requirements for the range of outpatient cases and non-surgical injuries and illnesses. More severe surgical and emergent wounds would typically be seen and treated by an EMEDS HRT ER. One hundred and six patients were seen per day over a 7-day period, for a total of 739 patients. The patient stream is shown in Appendix D.

### Capabilities

This FA provides limited pediatric services and supports an acute pediatric capability for triage, stabilization, and treatment of children ages birth to 18 years. Personnel and equipment provides support for a 16-hour day over a period of 7 days. It encompasses non-complex, non-surgical, outpatient acute care and only limited minor emergent care if no room is available in EMEDS HRT ER. This is not a stand-alone capability. It must be supported by, and will deploy with, the EMEDS HRT. Staffing is composed of one pediatrician (044K3) and one aerospace medicine technician JNM (4N051).

### Quantity Differences

The recommended changes to EMEDS HRT PEDS AS are based on clinical requirements, and resulted in a decrease in weight by 11%, a decrease in cube of 10%, but a cost increase of \$1,144, which was based on the number of patients seen in the patient stream. Table 2 is an overview of the changes by category. A detailed listing of AS recommended changes is provided in Appendix E.

The change to equipment is minimal. The wall-mounted thermometer is recommended for deletion because the tympanic thermoscan thermometer is already used in the 917RB and 938A.

The majority of recommended changes delete items because they can be provided from the 938AE and 938AK. There were 19 consumables optimized from the 938AK logistics and 21 medicines optimized from the 938AE pharmacy. Quantities used from these FAs are listed in Appendix F.

Twenty-one medications currently in the 917RB are recommended for deletion, and should be optimized from medications in the 938AE. Optimizing medications with the 938AE decreases the 917RB weight by 26%, decreases the cube by 76%, and increases the cost by \$1,870. The increase in medication cost is directly related to the number of patients seen in the patient stream. Despite having 21 medications optimized from the 938AE, the majority of the medications were kept in the PEDS FA because of pediatric-specific formulations. A number of medications in the 917RB are recommended for increase due to the patient stream's clinical requirements. These include betamethasone valerate and triamcinolone acetonide creams, and oral solutions of ibuprofen, acetaminophen, amoxicillin/clavulanate, cephalexin, and sulfamethoxazole. The number of levalbuterol tartrate and fluticasone propionate inhalers are recommended for increase to compensate for not having ability to use pressurized air nebulizer solutions and oxygen for breathing treatments.

Nineteen consumables are recommended for deletion and can be optimized from the 938AK. This will decrease the overall weight of the 917RB by 3%, cube by 1%, and cost by \$415. The three exam glove sizes (large, medium, and small), sponges, bandages, and glucose test strips are available in the 938AK.

There were 12 items not modeled or called out in the patient stream. Examples of medicines not modeled include vaccines (MMR, meningococcal, Hepatitis A, polio). These items do not support clinical requirements related to any patient in the modeling process. Additionally, items requiring pressurized air or oxygen (nebulizers, inhalation medication, cannula, etc.) were not modeled, as there is no equipment available in the AS to support the tasks. The item levels that were not called out in the patient stream or not modeled remained unchanged in the overall calculation.

Table 2  
*PEDS Weight, Cube, and Cost Analysis*

Category	Weight (lbs)	Cube (cu ft)	Cost
917RB equipment	350.40	109.74	\$38,504.91
EESP equipment	350.19	109.63	\$38,193.80
Difference	-0.21	-0.11	-\$311.11
Percent change	-0.06%	-0.10%	-0.81%
917RB medicine	600.88	115.08	\$15,315.03

Category	Weight (lbs)	Cube (cu ft)	Cost
EESP medicine	445.50	27.55	\$17,184.61
Difference	-155.38	-87.53	\$1,869.58
Percent change	-25.86%	-76.06%	12.21%
917RB consumables	570.32	735.52	\$18,096.89
EESP consumables	554.57	730.06	\$17,682.30
Difference	-15.75	-5.46	-\$414.59
Percent change	-2.76%	-0.74%	-2.29%
917RB AS total	1521.59	960.35	\$71,916.83
EESP total	1350.25	867.25	\$73,060.71
Difference	-171.34	-93.10	\$1,143.88
Percent change	-11.26%	-9.69%	1.59%

## INTMED

A baseline of the Air Force Specialty Care Augmentation Team INTMED supplies and equipment package was established as an additional EMEDS HRT medical capability. The patient stream was used to simulate the materiel requirements for the range of outpatient cases and non-surgical injuries and illnesses. More severe surgical and emergent wounds will typically be seen and treated by the EMEDS HRT ER. Forty-six patients were seen per day over a 7-day period, for a total of 320 patients. The patient stream is shown in Appendix G.

### Capabilities

The INTMED FA provides limited outpatient internal medicine care. Personnel and equipment provides support for a 16-hour day over 7 days, includes non-complex medical, non-surgical care for acute care situations, and is not a stand-alone capability. It will be supported by, and deploy with, the EMEDS HRT. Staffing is composed of one internist (044M3) and one aerospace medicine technician JNM (4N051).

### Quantity Differences

Currently, there is no assigned AS for the EMEDS HRT INTMED. NHRC interviewed SMEs during the FDE and created a recommended AS for the INTMED capability, which is provided in Appendix H.

Items used in the EMEDS HRT INTMED AS are based on clinical requirements. Table 3 provides the recommended totals for the INTMED AS equipment, medicine, and consumables, and is an overview of the total recommended weight, cube, and cost. Estimated weight for the FA is 143 pounds, volume is 55 cubic feet, and total cost is

\$10,036. Adjustments to the recommended AS would be based on a review and vetting by the Pilot Unit Leader.

Clinical requirements called for line items listed in EMEDS HRT INTMED and optimized from EMEDS HRT pharmacy and logistics until future review by the Pilot Unit Leader. All consumables and medications would be optimized from the 938AK and 938AE ASs.

Table 3  
*INTMED Weight, Cube, and Cost Analysis*

Category	Weight (lbs)	Cube (cu ft)	Cost
EESP equipment	46.42	4.90	\$1,832.52
EESP medicine	50.74	12.48	\$7,324.61
EESP consumables	46.16	37.39	\$879.44
EESP total	143.32	54.77	\$10,036.57

### Conclusion

M&S was used to study the GYN and PEDS FAs in the EMEDS Specialty Care Augmentation Team, which resulted in recommended changes to the AS and the development of an INTMED recommended AS. The clinical capability is an acute outpatient care and requires EMEDS HRT support. This UTC provides personnel and equipment for 16-hour days over a 7-day period, and is capable of providing basic outpatient acute care for non-life-threatening situations. A robust patient stream was developed to represent the type and frequency of patients likely to be seen at this level of care and functional area.

M&S tools are essential for projecting appropriate medical care needs for our service personnel. Standardizing equipment and consumables with the Defense Medical Material Program Office-approved items, makes EMEDS Specialty Care Augmentation Team review more efficient. Updating and maintaining the patient data and the EMEDS Specialty Care Augmentation Team contents database will ensure that future medical needs are met in the most effective manner.

### References

Wing, V. (2010). *Statement of work FY11: Using the Naval Health Research Center's medical planning applications to standardize and review or validate Air Force medical requirements and capabilities*. San Diego, CA: Naval Health Research Center.

Office of the Joint Chiefs of Staff. (2000). *Joint Vision 2020*. Washington DC: Department of Defense.

Office of the Joint Chiefs of Staff. (2000). *Joint Vision 2020*. Washington DC: Department of Defense.

**Appendix A.**  
**ICD-9 Coded Patient Types Included in the GYN**  
**Patient Stream**

<b>ICD-9</b>	<b>ICD-9 description</b>	<b>No. pts</b>
566	ANAL & RECTAL ABSCESS	2
616	CERVICITIS	31
110.9	DERMATOPHYTOSIS SITE NOS	5
625.3	DYSMENORRHEA	57
617.9	ENDOMETRIOSIS NOS	5
614.9	FEM PELV INFLAM DIS NOS	28
626.9	MENSTRUAL DISORDER NOS	53
239.9	NEOPLASM NOS	26
V22.2	PREG STATE, INCIDENTAL	8
634.1	SPON ABORT W HEMORR-UNSP	3
131.9	TRICHOMONIASIS NOS	4
633.11	TUBAL PREG W INTRA PREG	4
599	UTI NOS	8
616.1	VAGINITIS NOS	29
99.9	VENEREAL DISEASE NOS	1
TOTAL PATIENTS		264



**Appendix B.**  
**GYN Allowance Standard Recommended Configuration**

Status	NSN	Supply description	UI	917RA qty	EESP qty	917RA wt (lbs)	917RA cube (cf)	917RA cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
<b>Equipment</b>											
A	6530015660689	BAG MEDICAL SUPPLY EXPANDABLE BALLISTIC NYLON	EA	2	2	3.84	1.70	\$220.00	3.84	1.70	\$220.00
A	7520002815918	CLIP BOARD FILE 9X12.5IN COMP BOARD BACK	EA	1	1	0.38	0.07	\$1.73	0.38	0.07	\$1.73
A	8340NCM060740	CONTAINER, STORAGE REUSAB	EA	2	2	10.00	10.00	\$482.00	10.00	10.00	\$482.00
A	6515014593604	DILATOR SET UTERINE HEGAR SE OF 8 W/O ROLL	SE	1	1	0.55	0.12	\$201.14	0.55	0.12	\$201.14
A	6515014621607	DOPPLER FETAL HEART ANTE/INTRAPART POCK-DOP3	EA	1	1	2.25	0.45	\$472.50	2.25	0.45	\$472.50
A	6515007542627	FORCEP UTERINE BRAUN 9.5IN TENACULUM STRAIGHT	EA	4	4	0.67	1.53	\$143.36	0.67	1.53	\$143.36
A	6515003406700	HAMMER REFLEX TESTING TAYLOR 7IN TRIANGULAR	EA	1	1	0.17	0.10	\$3.30	0.17	0.10	\$3.30
A	6530014325114	LITTER RIGID FOLDING RAVEN POLYPROPYLENE	EA	1	1	11.00	0.02	\$276.25	11.00	0.02	\$276.25
A	6515001656544	OTOSCOPE & OPHTHALMOSCOPE SET ELEC BTRY	SE	1	1	1.32	1.00	\$476.67	1.32	1.00	\$476.67
A	8340NCM060739	ROPAK CONTAINER LID 40X48	EA	2	2	10.00	2.00	\$74.68	10.00	2.00	\$74.68
A	6540013951575	SPECTACLES PROTECT UNIV SZ CLEAR	EA	2	2	0.80	0.00	\$8.76	0.80	0.00	\$8.76
A	6515010394884	SPHYGMOMANOMETER ANEROID 300MM	EA	2	2	1.92	0.20	\$31.50	1.92	0.20	\$31.50
A	6515013146694	STETHOSCOPE LITTMAN CLASSIC II 28IN	EA	2	2	1.72	0.50	\$98.82	1.72	0.50	\$98.82
A	6530006600034	SUPPORT LITTER FOLDING LIGHTWEIGHT ALUM	PR	2	2	27.50	2.00	\$244.74	27.50	2.00	\$244.74
D	6515015257595	THERMOMETER CLIN HUMAN ELECT DIG W/WALL MOUNT	EA	2	0	0.42	0.22	\$622.22	0.00	0.00	\$0.00
E	6515015587320	THERMOMETER CLINICAL HUMAN TYMPANIC THERMOSCAN	EA	0	1	0.00	0.00	\$0.00	1.00	0.20	\$223.76
<b>Medications</b>											
D	6505009857301	ACETAMINOPHEN TAB 0.325GM 1000S	BT	1	0	0.92	0.10	\$7.30	0.00	0.00	\$0.00

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RA qty	EESP qty	917RA wt (lbs)	917RA cube (cf)	917RA cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
D	6505014491635	AZITHROMYCIN TAB 250MG 30S	BT	3	0	1.50	0.66	\$534.78	0.00	0.00	\$0.00
D	6505011770589	BACITRACIN OINTMENT 500UN/GM .87GM 144PACK/PG	PG	1	0	0.25	0.10	\$5.45	0.00	0.00	\$0.00
D	6505014802501	CEFAZOLIN SODIUM 1GM 10ML VI 25S	PG	2	0	2.00	0.60	\$87.28	0.00	0.00	\$0.00
B	6505012277028	CEFTRIAXONE SODIUM 250MG VIAL 10S	PG	1	4	0.58	0.02	\$68.71	2.32	0.08	\$274.84
D	6505012192760	CEFTRIAXONE SODIUM 1GM VI 10S	PG	2	0	1.39	3.00	\$65.08	0.00	0.00	\$0.00
D	6505011067281	CLOTRIMAZOLE VAGINAL CREAM 1% 45GM	TU	3	0	0.57	0.30	\$9.87	0.00	0.00	\$0.00
D	6505011534335	DOXYCYCLINE HYCLATE TAB 100MG 500S	BT	2	0	0.62	0.20	\$101.10	0.00	0.00	\$0.00
D	6505005840412	ESTROGENS CONJUGATED TAB 0.625MG 1000S	BT	1	0	0.68	0.15	\$1,291.29	0.00	0.00	\$0.00
A	6505011533440	FERRIC SUBSULFATE SOL 16 OZ BOTTLE	BT	1	1	0.86	0.03	\$32.86	0.86	0.03	\$32.86
D	6505013953039	FLUCONAZOLE TAB 150MG I.S. 12S	PG	2	0	0.41	0.20	\$386.08	0.00	0.00	\$0.00
D	6505014171250	GLOBULIN RHO (D) IMMUNE 300 MCG 1 ML SYR	EA	5	0	0.52	0.50	\$419.10	0.00	0.00	\$0.00
D	6505012149062	IBUPROFEN TAB 800 MG 500S	BT	7	0	9.98	0.70	\$126.35	0.00	0.00	\$0.00
D	6505014141864	IODINE SOLUTION STRONG 1 PINT 10%	BT	1	0	1.20	0.10	\$11.25	0.00	0.00	\$0.00
D	6505014821064	KETOROLAC TROMETHAMINE INJ 30MG/ML 1ML 10S	PG	3	0	1.20	0.30	\$171.18	0.00	0.00	\$0.00
D	6505012447982	LABETALOL HYDROCH INJ 5MG/ML 20ML VI	VI	1	0	0.11	0.10	\$46.71	0.00	0.00	\$0.00
G	6505015249195	LEVONORGESTREL TABLETS 0.075MG 2S	PG	4	4	2.20	0.48	\$108.48	2.20	0.48	\$108.48
D	6505005986116	LIDOCAINE HYDROCH INJ 1.0%/ML 50ML	BT	8	0	1.99	0.80	\$22.72	0.00	0.00	\$0.00
D	6505014554200	LIDOCAINE&EPINEPHRINE 1:100000 20ML VI	VI	1	0	0.17	0.10	\$8.52	0.00	0.00	\$0.00
D	6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	PG	1	0	0.93	0.10	\$25.05	0.00	0.00	\$0.00
B	6505014975663	MAGNESIUM SULFATE 2ML VIAL 25S	PG	1	2	1.35	0.16	\$12.08	2.70	0.32	\$24.16

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RA qty	EESP qty	917RA wt (lbs)	917RA cube (cf)	917RA cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
D	6505012899825	MEDROXYPROGESTERONE ACETATE TAB 10MG 500S	BT	1	0	0.51	0.10	\$917.40	0.00	0.00	\$0.00
D	6505001161374	METHYLERGONOVINE MALEATE 0.2MG/CC 1ML AMP 20S	PG	1	0	0.13	0.10	\$119.49	0.00	0.00	\$0.00
D	6505011309358	METOCLOPRAMIDE TAB 10MG 100S	BT	1	0	0.18	0.10	\$2.96	0.00	0.00	\$0.00
D	6505008901840	METRONIDAZOLE TAB 250MG 250S	BT	1	0	0.26	0.10	\$134.16	0.00	0.00	\$0.00
D	6505012971448	MISOPROSTOL TAB 200MCG 100S	BT	1	0	0.20	0.20	\$134.58	0.00	0.00	\$0.00
A	6505015334126	NALOXONE HYDROCH INJ 0.4 MG/ML 1ML VI 10S	PG	1	1	1.00	0.10	\$15.22	1.00	0.10	\$15.22
D	6505011868758	NAPROXEN TAB 500 MG 500S	BT	1	0	1.10	1.10	\$42.70	0.00	0.00	\$0.00
D	6505015062659	NORETHINDRONE & ETHINTL ESTRADIOL TAB 168S	PG	3	0	1.65	0.30	\$379.05	0.00	0.00	\$0.00
C	6505015818923	ONDANSETRON HCL ORAL DISINTEGRATING TABS USP 4MG/TA	BT	10	3	5.50	1.20	\$121.30	1.65	0.36	\$36.39
A	6505015050773	OXYTOCIN 10 UNITS/ML 1 ML VIAL 25S	PG	1	1	0.36	0.01	\$18.67	0.36	0.01	\$18.67
A	6505015781669	PENICILLIN G PROCAINE SUSP STER USP 600000 UNITS / ML	PG	1	1	0.50	0.12	\$135.37	0.50	0.12	\$135.37
D	6505006807352	PROMETHAZINE HYDROCH INJ 25MG/ML 1ML AMP 25S	PG	2	0	0.51	0.20	\$44.26	0.00	0.00	\$0.00
D	6505002999672	SILVER NITRATE APPLICATORS 6 INCH 100S	CO	1	0	0.13	0.15	\$19.28	0.00	0.00	\$0.00
D	6505012870626	SOD CHLOR INJ 0.9% 10ML VI 25S	PG	1	0	0.25	0.12	\$6.77	0.00	0.00	\$0.00
D	6505013308926	SOD CHLOR IRRIGATION 0.9% 1000ML 16S	PG	3	0	99.00	9.00	\$73.44	0.00	0.00	\$0.00
<b>Consumables</b>											
F	6515009051473	APPLICATOR PLAS/WOOD ROD 6IN STER 2000S	PG	0	1	0.00	0.00	\$0.00	0.65	0.65	\$41.18
F	6515015005746	BAG RECLOSABLE 3INX4IN CLEAR LABELIN BX 1000S	PG	0	1	0.00	0.00	\$0.00	6.00	1.00	\$12.95
D	6530010780365	BAG STERILIZ-BIOHAZARD DISP 23X19IN DIA 200S	PG	1	0	8.00	0.50	\$43.82	0.00	0.00	\$0.00
D	6515015557028	BANDAGE, IV TRANSP PLAS SELF-ADH PED STER 100s	PG	1	0	0.02	0.02	\$93.15	0.00	0.00	\$0.00

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RA qty	EESP qty	917RA wt (lbs)	917RA cube (cf)	917RA cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
F	6530010752723	BASIN 7QT WASH PLASTIC DISPOSABLE 100S	PG	0	1	0.00	0.00	\$0.00	55.00	1.00	\$19.20
D	6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	PG	1	0	1.00	0.10	\$5.28	0.00	0.00	\$0.00
A	6515000431770	BLADE SURG KNIFE DET NO.11 150S	PG	1	1	0.35	0.01	\$28.15	0.35	0.01	\$28.15
A	6515000431783	BLADE SURG KNIFE NO.15 150S	PG	1	1	0.49	0.01	\$29.02	0.49	0.01	\$29.02
A	6515004005465	CATHETER URETHRAL ROB-NEL 14FR STER DISP 100S	PG	1	1	2.88	0.50	\$40.68	2.88	0.50	\$40.68
A	6515014784788	CATHETERIZATION KIT 400M FOLEY 16FR 5CC 10S	PG	1	1	16.30	1.00	\$180.00	16.30	1.00	\$180.00
G	6515001178416	CONDOM PROPHYLUBRICATED W/RECEPTACLE END 144S	PG	1	1	1.10	0.20	\$24.36	1.10	0.20	\$24.36
D	6515011263843	COVER ELECT THERM PROBE 3.75IN TAPER 5000S	PG	1	0	5.30	0.10	\$96.08	0.00	0.00	\$0.00
A	6515012031332	COVER ELECTRONIC THERMOMETER PROBE DISP 1000S	PG	1	1	0.22	0.21	\$18.78	0.22	0.21	\$18.78
B	6530013750171	CUP SPEC PLASTIC 4 OZ SCREW TOP STER BLISTER PG 100S	PG	1	2	5.60	1.90	\$48.96	11.20	3.80	\$97.92
A	6515015346261	CURETTE ENDOMET BIOP 23.5CM RND THB-FING 12S	PG	1	1	5.00	0.10	\$76.80	5.00	0.10	\$76.80
C	6515013432145	DELIVERY KIT OBSTETRICAL DISPOSABLE	EA	7	2	3.85	1.12	\$78.89	1.10	0.32	\$22.54
A	6530011832863	DISPOSAL CONTAINER HYPO NDL&SYR 6.9QT 12S	PG	1	1	11.00	1.00	\$35.58	11.00	1.00	\$35.58
A	7530002910098	FOLDERS FILE MANILA-INV 8.875INX11.75IN 100S	PG	1	1	6.00	0.10	\$6.98	6.00	0.10	\$6.98
D	6515014618929	GLOVE PATIENT EXAM 9.5IN LG NONPWD AMB 100S	PG	1	0	6.00	0.17	\$17.23	0.00	0.00	\$0.00
D	6515014618933	GLOVE PATIENT EXAM 9.5IN N-DEX NITR MED 100S	PG	10	0	13.30	1.70	\$172.30	0.00	0.00	\$0.00
D	6515014915719	GLOVE PATIENT EXAM PURPLE SZ 10 LARGE 100S	PG	20	0	5.80	5.40	\$340.00	0.00	0.00	\$0.00
D	6515014618939	GLOVE PATIENT EXAM SM N-DEX NIRTILE RBBR 100S	PG	10	0	10.00	1.00	\$93.80	0.00	0.00	\$0.00
A	6515015196343	GLOVE SURG LATEX PWDRFREE SZ 7 STER 50S	PG	1	1	5.00	0.13	\$142.49	5.00	0.13	\$142.49
D	6515015196348	GLOVE SURG LATEX PWDRFREE SZ 7.5 GAUNT 50S	PG	1	0	5.00	0.13	\$142.49	0.00	0.00	\$0.00

Note. A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RA qty	EESP qty	917RA wt (lbs)	917RA cube (cf)	917RA cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6515015196347	GLOVE SURGEON LATEX & POWDER FREE 8 STER 50S	PG	1	1	5.00	0.13	\$142.49	5.00	0.13	\$142.49
G	6515012835192	INTRAUTERINE DEV CONTRACEP T- SHAPE COPPER 5S	PG	1	1	1.21	0.05	\$1,411.00	1.21	0.05	\$1,411.00
A	7690009354118	LABEL PAPER RECTANGULAR 1.5INX2.5IN 1000S	RO	1	1	1.19	0.07	\$9.26	1.19	0.07	\$9.26
A	7520003126124	MARKER TUBE FINE TIP BLACK	DZ	1	1	0.50	0.01	\$9.39	0.50	0.01	\$9.39
A	6515015261726	NEEDLE HYP SAFE W/SHLD MECH 21GAX1 1/2IN 50S	PG	1	1	0.25	0.02	\$22.00	0.25	0.02	\$22.00
A	6515015261729	NEEDLE HYPODERMIC SAFETY 18GA X 1.500 50S	PG	1	1	0.25	0.02	\$22.00	0.25	0.02	\$22.00
A	7530002237939	NOTEBOOK STENOGRAPHER'S 6X9 IN 12S	PG	1	1	5.43	0.15	\$13.61	5.43	0.15	\$13.61
A	6530011190015	PAD BED LINEN PROTECT NONWOVEN POLY DISP 300S	PG	1	1	28.00	2.00	\$24.74	28.00	2.00	\$24.74
D	6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED WHITE 200S	PG	7	0	7.00	0.70	\$20.30	0.00	0.00	\$0.00
A	6510015857696	PAD POST SURGICAL OBSTETRICAL MATERNITY POLY BACKING 168S	PG	1	1	0.05	0.05	\$21.29	0.05	0.05	\$21.29
A	7520009357135	PEN BALL-POINT BLACK FINE 12S	DZ	1	1	0.75	0.02	\$5.25	0.75	0.02	\$5.25
E	8520014907358	SANITIZER HAND 40Z. SQUEEZE BOTTLE 24S	PG	0	1	0.00	0.00	\$0.00	1.00	0.50	\$40.60
D	8520015015142	SANITIZER HAND ANTIMICROBIAL FOAMING 16OZ	PG	2	0	2.30	0.30	\$10.72	0.00	0.00	\$0.00
G	6640015429647	SEXUAL ASSAULT DETERM KIT FINGERSTICK 13S	PG	1	1	1.35	0.28	\$394.28	1.35	0.28	\$394.28
A	6532013334144	SLEEVE SURGICAL GOWN PLAS STER DISP 60S	PG	1	1	4.00	0.00	\$71.23	4.00	0.00	\$71.23
F	6515009141543	SPECULUM VAGINAL GRAVES MED 6.50IN DISP 100S	PG	0	1	0.00	0.00	\$0.00	12	1.3	55.28
A	6510007219808	SPONGE SURG CELL&COT&GAUZE 4X4IN STER 1200S	PG	1	1	13.00	2.63	\$81.29	13.00	2.63	\$81.29
D	6510007822700	SPONGE SURG12-PLY GAUZE 2X2IN STER 200S	PG	2	0	3.60	2.00	\$3.60	0.00	0.00	\$0.00
A	6515013553928	SUTURE ABS GI SZ 3-0 1 27IN STRAND NDL 36S	PG	1	1	0.24	0.02	\$94.98	0.24	0.02	\$94.98
A	6515011243778	SUTURE ABS GI SZ 4-0 27IN NDL 3S	DZ	1	1	0.50	0.01	\$15.12	0.50	0.01	\$15.12

Note. A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RA qty	EESP qty	917RA wt (lbs)	917RA cube (cf)	917RA cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6515013549470	SUTURE ABS OB/GYN SZ 0 1 36IN NDL 36S	PG	1	1	0.50	0.01	\$21.86	0.50	0.01	\$21.86
A	6515011904373	SUTURE ABS OB/GYN SZ 2-0 36IN ATRALOC NDL 3S	PG	1	1	0.60	0.20	\$33.75	0.60	0.20	\$33.75
A	6515012289862	SWAB PROCTOSIGM TIP X-LGE 16-1/2IN FLEX 50S	PG	1	1	0.35	0.01	\$5.13	0.35	0.01	\$5.13
A	6515007540412	SYRINGE HYPO 10ML CAP LUER SLIP W/O NDL 100S	PG	1	1	0.70	0.34	\$16.43	0.7	0.343	16.43
A	6515011643038	SYRINGE HYPO 50 OR 60ML W/O NDL 100S	PG	1	1	10.00	0.46	\$40.13	10.00	0.46	\$40.13
A	6515007540406	SYRINGE HYPO 5ML CAP LUER SLIP 100S	PG	1	1	4.75	1.00	\$15.33	4.75	1.00	\$15.33
A	6515004627348	SYRINGE HYPODERMIC 3ML LUER LOCK 100S	PG	1	1	1.13	0.17	\$12.45	1.13	0.17	\$12.45
D	6510009268882	TAPE ADHESIVE SURG POROUS WOVEN 1INX10YD 12S	PG	2	0	2.08	0.08	\$35.14	0.00	0.00	\$0.00
A	6510009268881	TAPE ADHESIVE SURGICAL POROUS .50INX10YD 24S	PG	1	1	0.83	0.04	\$12.27	0.83	0.04	\$12.27
B	6550014963355	TEST KIT CHLAMYDIA TRACHOM DETECTION 25S	PG	1	3	1.00	1.00	\$198.75	3.00	3.00	\$596.25
A	6550014516170	TEST KIT HUMAN CHORIONIC GONADOTROPIN DET PREG TEST URINE	KT	1	1	0.25	0.06	\$64.62	0.25	0.06	\$64.62
F	6550012215400	TEST STRIPS BILIRUB GLU KET N PH LEUK PH 100S	BT	0	1	0.00	0.00	\$0.00	0.23	0.02	\$105.78
A	7210010132824	WASHCLOTH HOSPITAL PATIENT DISPOSABLE 1000S	PG	1	1	15.00	1.55	\$72.40	15.00	1.55	\$72.40
A	6530014622497	WIPE GERMICIDAL 6X6.75IN 160S	PG	1	1	1.55	0.35	\$6.95	1.55	0.35	\$6.95
	6515011534888	WOUND CLOSUR KIT FACIAL 18 COMP STER DISP 20S	PG	1	1	2.00	0.08	\$92.25	2.00	0.08	\$92.25

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled



**Appendix C.**  
**GYN Items Recommended for Optimization from 938AE and 938AK**

<b>NSN</b>	<b>Supply description</b>	<b>UI</b>	<b>From AS number</b>	<b>EESP qty</b>	<b>EESP wt (lbs)</b>	<b>EESP cube (cf)</b>	<b>EESP cost</b>
6505009857301	ACETAMINOPHEN TAB 0.325GM 1000S	BT	938AE	1	0.92	0.10	\$7.30
6505014491635	AZITHROMYCIN TAB 250MG 30S	BT	938AE	7	3.50	1.54	\$1,247.82
6505011770589	BACITRACIN OINTMENT 500UN/GM .87GM 144PACK/PG	PG	938AE	1	0.25	0.10	\$5.45
6505014802501	CEFAZOLIN SODIUM 1GM 10ML VI 25S	PG	938AE	1	1.00	0.30	\$43.64
6505012192760	CEFTRIAZONE SODIUM 1GM VI 10S	PG	938AE	1	0.70	1.50	\$420.21
6505011067281	CLOTRIMAZOLE VAGINAL CREAM 1% 45GM	TU	938AE	3	0.57	0.30	\$9.87
6505011534335	DOXYCYCLINE HYCLATE TAB 100MG 500S	BT	938AE	1	0.31	0.10	\$50.55
6505005840412	ESTROGENS CONJUGATED TAB 0.625MG 1000S	BT	938AE	1	0.68	0.15	\$1,199.15
6505013953039	FLUCONAZOLE TAB 150MG I.S. 12S	PG	938AE	1	0.21	0.10	\$193.04
6505014171250	GLOBULIN RHO (D) IMMUNE 300 MCG 1 ML SYR	EA	938AE	4	0.41	0.40	\$335.28
6505012149062	IBUPROFEN TAB 800 MG 500S	BT	938AE	1	1.43	0.10	\$124.26
6505014141864	IODINE SOLUTION STRONG 1 PINT 10%	BT	938AE	1	1.20	0.10	\$11.25
6505014821064	KETOROLAC TROMETHAMINE INJ 30MG/ML 1ML 10S	PG	938AE	1	0.40	0.10	\$57.06
6505012447982	LABETALOL HYDROCH INJ 5MG/ML 20ML VI	VI	938AE	1	0.11	0.10	\$46.71
6505005986116	LIDOCAINE HYDROCH INJ 1.0%/ML 50ML	BT	938AE	1	0.25	0.10	\$19.22
6505014554200	LIDOCAINE&EPINEPHRINE 1:100000 20ML VI	VI	938AE	1	0.17	0.10	\$8.52
6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	PG	938AE	1	0.93	0.10	\$25.05
6505012899825	MEDROXYPROGESTERONE ACETATE TAB 10MG 500S	BT	938AE	1	0.51	0.10	\$917.40

NSN	Supply description	UI	From AS number	EESP qty	EESP wt (lbs)	EESP cube (cf)	EESP cost
6505001161374	METHYLERGONOVINE MALEATE 0.2MG/CC 1ML AMP 20S	PG	938AE	1	0.13	0.10	\$119.49
6505011309358	METOCLOPRAMIDE TAB 10MG 100S	BT	938AE	1	0.18	0.10	\$2.96
6505008901840	METRONIDAZOLE TAB 250MG 250S	BT	938AE	2	0.52	0.20	\$268.32
6505012971448	MISOPROSTOL TAB 200MCG 100S	BT	938AE	1	0.20	0.20	\$134.58
6505011868758	NAPROXEN TAB 500 MG 500S	BT	938AE	1	1.10	1.10	\$42.70
6505015062659	NORETHINDRONE & ETHINTL ESTRADIOL TAB 168S	PG	938AE	55	30.25	5.50	\$13,485.45
6505006807352	PROMETHAZINE HYDROCH INJ 25MG/ML 1ML AMP 25S	PG	938AE	2	0.51	0.20	\$44.26
6505002999672	SILVER NITRATE APPLICATORS 6 INCH 100S	CO	938AE	1	0.13	0.15	\$19.28
6505012870626	SOD CHLOR INJ 0.9% 10ML VI 25S	PG	938AE	1	0.25	0.00	\$6.77
6505013308926	SOD CHLOR IRRIGATION 0.9% 1000ML 16S	PG	938AE	1	33.00	3.00	\$24.48
6530010780365	BAG STERILIZ-BIOHAZARD DISP 23X19IN DIA 200S	PG	938AK	1	8.00	0.50	\$43.82
6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	PG	938AK	1	1.00	0.10	\$5.28
6515014618933	GLOVE PATIENT EXAM 9.5IN N-DEX NITR MED 100S	PG	938AK	4	5.32	0.68	\$68.92
6515014915719	GLOVE PATIENT EXAM PURPLE SZ 10 LARGE 100S	PG	938AK	4	1.16	1.08	\$68.00
6515014618939	GLOVE PATIENT EXAM SM N-DEX NIRTILE RBBR 100S	PG	938AK	3	3.00	0.30	\$28.14
6515015196348	GLOVE SURG LATEX PWDRFREE SZ 7.5 GAUNT 50S	PG	938AK	1	5.00	0.13	\$142.49
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED WHITE 200S	PG	938AK	1	1.00	0.10	\$2.90
6510007822700	SPONGE SURG12-PLY GAUZE 2X2IN STER 200S	PG	938AK	1	1.80	1.00	\$1.80
6510009268882	TAPE ADHESIVE SURG POROUS WOVEN 1INX10YD 12S	PG	938AK	1	1.04	0.04	\$17.57

**Appendix D.**  
**ICD-9 Coded Patient Types Included in the PEDS**  
**Patient Stream**

<b>ICD-9</b>	<b>ICD-9 description</b>	<b>No. pts</b>
382.00	AC SUPP OTITIS MEDIA NOS	33
540.9	ACUTE APPENDICITIS NOS	15
466.0	ACUTE BRONCHITIS	51
465.9	ACUTE URI NOS	235
493.90	ASTHMA NOS	43
493.92	ASTHMA NOS W (AC) EXAC	16
373.00	BLEPHARITIS NOS	4
682.9	CELLULITIS NOS	74
800.42	CL SKULL VLT FX-BRF COMA	3
813.41	COLLES' FRACTURE-CLOSED	1
372.30	CONJUNCTIVITIS NOS	10
927.9	CRUSHING INJURY ARM NOS	3
928.9	CRUSHING INJURY LEG NOS	10
692.9	DERMATITIS NOS	13
110.4	DERMATOPHYTOSIS OF FOOT	4
110.9	DERMATOPHYTOSIS SITE NOS	11
787.91	DIARRHEA	20
323.9	ENCEPHALITIS NOS	1
780.6	FEVER	12
810.00	FX CLAVICLE NOS-CLOSED	1
821.01	FX FEMUR SHAFT-CLOSED	3
825.20	FX FOOT BONE NOS-CLOSED	1
812.21	FX HUMERUS SHAFT-CLOSED	3
807.09	FX MULT RIBS NOS-CLOSED	1
823.22	FX SHAFT FIB W TIB-CLOS	3
813.23	FX SHAFT RAD W ULNA-CLOS	2
992.5	HEAT EXHAUSTION NOS	1
991.4	IMMERSION FOOT	1
380.10	INFECTION OTITIS EXTERNA NOS	5
075	INFECTIOUS MONONUCLEOSIS	1
864.01	LIVER HEMATOMA/CONTUSION	1
928.8	MULT CRUSHING INJURY LEG	4
817.0	MULTIPLE FX HAND-CLOSED	1
782.1	NONSPECIF SKIN ERUPT NEC	66
891.0	OPEN WND KNEE/LEG/ANKLE	5
877.0	OPEN WOUND OF BUTTOCK	1
881.00	OPEN WOUND OF FOREARM	3
873.8	OPEN WOUND OF HEAD NEC	1

ICD-9	ICD-9 description	No. pts
894.0	OPEN WOUND OF LEG NEC	2
879.2	OPN WND ANTERIOR ABDOMEN	3
132.9	PEDICULOSIS NOS	3
808.8	PELVIC FRACTURE NOS-CLOS	2
567.9	PERITONITIS NOS	11
V01.5	RABIES CONTACT	1
555.9	REGIONAL ENTERITIS NOS	3
079.3	RHINOVIRUS INFECT NOS	12
133.0	SCABIES	1
724.00	SPINAL STENOSIS NOS	7
845.00	SPRAIN OF ANKLE NOS	13
005.0	STAPH FOOD POISONING	9
599.0	UTI NOS	8
805.8	VERTEBRAL FX NOS-CLOSED	1
TOTAL PATIENTS		739

**Appendix E.**  
PEDS Allowance Standard Recommended Configuration

Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
Equipment											
A	6530015660689	BAG MEDICAL SUPPLY EXPANDABLE BALLISTIC NYLON	EA	1	1	1.92	0.85	\$110.00	1.92	0.85	\$110.00
A	6515013077474	BLADE LARYNG MILLER CHILD SZ 2 155 MM	EA	1	1	0.01	0.00	\$35.14	0.01	0.00	\$35.14
A	6515006560474	BLADE LARYNGOSCOPE MILLER 100MM SZ 1 INF REP	EA	1	1	0.23	0.01	\$22.19	0.23	0.01	\$22.19
A	6515006560475	BLADE LARYNGOSCOPE MILLER PREMMIE SIZE 0	EA	1	1	0.01	0.00	\$103.65	0.01	0.00	\$103.65
A	6540003885800	CHART VISION TESTING ASTIGMA AND ILLITERATE E	EA	1	1	0.26	0.01	\$5.16	0.26	0.01	\$5.16
A	6515015774694	CRUTCH ALUMINUM BODY RUBBER HANDGRIP/UNDERARM ADJUSTABLE 30-38"	PR	4	4	2.20	0.48	\$119.80	2.20	0.48	\$119.80
A	6515015774676	CRUTCH ALUMINUM BODY RUBBER HANDGRIP/UNDERARM ADJUSTABLE 36-44"	PR	4	4	2.20	0.48	\$119.80	2.20	0.48	\$119.80
A	6515013741401	CUFF SET SPHYGMOMANOMETER 4 SIZES W/ CASE	EA	1	1	2.00	1.02	\$98.02	2.00	1.02	\$98.02
A	6515014186938	CUFF SPHYGMOMANOMETER CHILD U/W PROPAQ	EA	1	1	2.00	0.50	\$52.00	2.00	0.50	\$52.00
A	6640004200000	CYLINDER GRADUATED LAB GLASS 100 ML CAP	EA	1	1	0.57	0.06	\$15.35	0.57	0.06	\$15.35
A	6665NCM040609	DEFENDERS BIOHAZARD STEEL STEP CAN	EA	1	1	5.00	1.00	\$131.00	5.00	1.00	\$131.00
A	6515011535295	HANDLE LARYNGOSCOPE BATTERY TYPE INFANT SMALL	EA	1	1	0.60	0.02	\$41.72	0.60	0.02	\$41.72
A	6515002998737	HOLDER SUTURE NEEDLE HEGAR-MAYO 7IN SER JAW	EA	1	1	0.22	0.01	\$38.55	0.22	0.01	\$38.55
A	6530012927700	LAMP LONGWAVE UV 120/230V AC50/60HZ4WATTS BLACK LIGHT FILTER	EA	1	1	3.20	0.11	\$211.55	3.20	0.11	\$211.55
A	6515012861010	LARYNGOSCOPE SET FIBER OPTIC BATTERY OPERATED	EA	1	1	14.00	1.50	\$1,138.85	14.00	1.50	\$1,138.85
A	6530014325114	LITTER RIGID FOLDING RAVEN POLYPROPYLENE	EA	2	2	22.00	0.04	\$552.50	22.00	0.04	\$552.50
A	6550014977657	MONITOR GLUCOSE ACCU-CHECK W/ MEMORY	EA	1	1	0.25	10.26	\$130.03	0.25	10.26	\$130.03

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6515014322711	MONITOR PATIENT VITAL SIGNS:	EA	1	1	10.00	1.00	\$22,536.86	10.00	1.00	\$22,536.86
A	6515013333165	OTOSCOPE & OPHTHALMOSCOPE SET WELCH ALLYN	SE	1	1	0.76	0.02	\$328.92	0.76	0.02	\$328.92
A	6515015352728	OXIMETER PULSE (NONIN ONYX II)	EA	1	1	0.50	0.02	\$534.04	0.50	0.02	\$534.04
A	6515014189022	OXIMETER PULSE HAND-HELD BATT W/EAR CLIP	EA	1	1	0.63	0.01	\$679.00	0.63	0.01	\$679.00
A	6515011397844	PADDLES DEFIB PED EXT U/O STD ADULT PADDLE 2S	EA	1	1	0.75	0.30	\$50.13	0.75	0.30	\$50.13
A	6515014864310	PUMP IV INFUSION 3-CHANNEL BATT/AC	EA	1	1	4.90	0.37	\$5,768.90	4.90	0.37	\$5,768.90
A	6530013872532	RESTRAINT LIMB QUICK RELEASE CHILD&INFANT 50S	PG	1	1	12.00	0.60	\$173.00	12.00	0.60	\$173.00
A	6530011536375	RESTRAINT SHEET LG PLAS FOAM PAD CHILD	EA	1	1	1.25	0.22	\$344.77	1.25	0.22	\$344.77
A	8340NCM060739	ROPAK CONTAINER LID 40X48	EA	4	4	20.00	4.00	\$149.36	20.00	4.00	\$149.36
A	8340NCM020030	ROPAK CONTAINER TWO DROP DOORS 84	EA	4	4	100.00	60.00	\$980.00	100.00	60.00	\$980.00
A	6670007889000	SCALE WEIGHING ADULT 300LB	EA	1	1	11.00	5.40	\$193.84	11.00	5.40	\$193.84
A	6670007888700	SCALE WEIGHING INFANT 35LB	EA	1	1	27.50	1.88	\$173.43	27.50	1.88	\$173.43
A	6515009357138	SCISSOR BANDAGE ANGLED 7.25IN	EA	1	1	0.25	0.12	\$12.79	0.25	0.12	\$12.79
A	6515003651820	SCISSOR GEN SURG 5.50IN ONE BLUNT	EA	2	2	0.26	0.20	\$10.74	0.26	0.20	\$10.74
A	6515013146694	STETHOSCOPE LITTMAN CLASSIC II 28IN	EA	2	2	1.72	0.50	\$98.82	1.72	0.50	\$98.82
A	6520012650108	STOOL DENTAL OPERATING CHAIR ALUM 19.5/26IN	EA	1	1	34.00	8.90	\$310.65	34.00	8.90	\$310.65
A	6515015316051	SUCTION APPARATUS SURG BAT 11-30V/AC	EA	1	1	12.00	5.56	\$2,210.00	12.00	5.56	\$2,210.00
A	6530006600034	SUPPORT LITTER FOLDING LIGHTWEIGHT ALUM	PR	4	4	55.00	4.00	\$489.48	55.00	4.00	\$489.48
A	6515015587320	THERMOMETER CLINICAL HUMAN TYMPANIC THERMOSCAN	EA	1	1	1.00	0.20	\$223.76	1.00	0.20	\$223.76

Note. A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled



Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
D	6515015257595	THERMOMETER CLIN HUMAN ELECT DIG W/WALL MOUNT	EA	1	0	0.21	0.11	\$311.11	0.00	0.00	\$0.00
<b>Medications</b>											
B	6505012036283	ACETAMINOPHEN ORAL SOL 15ML BT PEDS	BT	240	269	36.00	1.73	\$261.60	40.35	1.94	\$293.21
D	6505011534399	ACETAMINOPHEN SUPP 325MG ADULT RECTAL 12S	PG	1	0	0.05	0.10	\$2.94	0.00	0.00	\$0.00
D	6505009857301	ACETAMINOPHEN TAB 0.325GM 1000S	BT	1	0	0.92	0.10	\$7.30	0.00	0.00	\$0.00
A	6505013110386	ACYCLOVIR SOD STER POWDER 500MG VI 10S	VI	1	1	0.53	0.02	\$37.07	0.53	0.02	\$37.07
G	6505012579953	ALBUTEROL SULFATE INHALAT SOL 20ML W/DROPPER	BT	3	3	0.39	2.20	\$13.11	0.39	2.20	\$13.11
B	6505015055928	AMOXICILLIN & CLAVULANATE ORAL SUSP 100ML	BT	24	44	5.28	0.17	\$1,526.40	9.68	0.31	\$2,798.40
B	6505012642366	AMOXICILLIN&POTAS CLAVULAN TAB IND WRAP 30S	PG	32	73	6.72	0.64	\$2,154.88	15.33	1.46	\$4,915.82
C	6505014437055	AMPICILLIN SODIUM STERILE POWDER FORM 1GM 10S	PG	3	1	1.65	0.36	\$12.66	0.55	0.12	\$4.22
C	6505012309948	BACITRACIN ZINC & POLYMY B SULFA OINT .5OZ TU	TU	24	4	2.64	1.44	\$93.36	0.44	0.24	\$15.56
B	6505008122103	BETAMETHASONE VALERATE CREAM 15GM TUBE	TU	12	60	0.84	0.05	\$17.04	4.20	0.24	\$85.20
D	6505011841250	CARBAMIDE PEROXIDE OTIC 0.5FL OZ	BT	6	0	0.50	0.60	\$6.06	0.00	0.00	\$0.00
D	6505012192760	CEFTRIAZONE SODIUM 1GM VI 10S	PG	2	0	1.39	3.00	\$840.42	0.00	0.00	\$0.00
B	6505012593891	CEPHALEXIN CAPSULES 250MG 500S	BT	1	5	0.50	0.03	\$25.39	2.50	0.15	\$126.95
B	6505003972380	CEPHALEXIN ORAL SUSP 250MG BT 100ML	BT	24	44	5.76	0.24	\$120.00	10.56	0.44	\$220.00
D	6505010235011	CLOTRIMAZOLE CREAM TOPICAL 1% 15GM	TU	24	0	2.40	2.40	\$105.36	0.00	0.00	\$0.00
A	6505013724486	DEXTROSE & SODIUM CHLOR INJ 500MG 24S	PG	1	1	8.55	0.11	\$20.20	8.55	0.11	\$20.20
B	6505001161025	DEXTROSE & SODIUM CHLORIDE INJ 1000ML BAG 12S	BX	1	2	31.00	1.00	\$11.58	62.00	2.00	\$23.16
A	6505013549498	DEXTROSE INJ 250ML BAG 24S	PG	1	1	2.55	0.04	\$27.90	2.55	0.04	\$27.90

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
D	6505015015408	DEXTROSE INJ 50% 50ML CART- NDL 50S	PG	2	0	7.00	0.31	\$71.40	0.00	0.00	\$0.00
C	6505010298074	DIPHENHYDRAMINE HYDROCHLORIDE SYRUP 4OZ	BT	60	13	45.00	1.44	\$67.80	9.75	0.31	\$14.69
C	6505014888943	DIPHTHERIA TETANUS PERTUSSIS VAC 10S	PG	3	1	1.65	0.36	\$813.72	0.55	0.12	\$271.24
B	6505010755095	ERYTHROMYCIN 250 MG TAB 100S	BT	2	20	0.70	0.02	\$7.14	7.00	0.16	\$71.40
C	6505000800653	ERYTHROMYCIN ETHYLSUCCINATE ORAL SUSP 8GM 200ML	BT	96	87	29.76	2.40	\$530.88	26.97	2.18	\$481.11
C	6505009820288	ERYTHROMYCIN OPHTHALMIC OINTMENT 5MG/GM 3.5GM	TU	12	7	0.36	0.12	\$17.88	0.21	0.07	\$10.43
B	6505011138580	FERROUS SULFATE TAB 325MG 100S	PG	4	5	1.12	0.14	\$17.44	1.40	0.18	\$21.80
D	6505015032390	FLUORESCEIN SODIUM OPHTHALMIC STRIPS 1MG 100S	PG	3	0	0.30	0.30	\$30.42	0.00	0.00	\$0.00
D	6505015326924	FLUTICASONE PROPIONATE INH AER 110MCG/12GM	EA	5	0	1.25	0.50	\$354.55	0.00	0.00	\$0.00
D	6505012139514	GENTAMICIN SULFATE INJ 40MG 2ML VI 25S	PG	1	0	0.49	0.10	\$28.68	0.00	0.00	\$0.00
C	6505015888472	GENTIAN VIOLET TOPICAL 1% 100ML BT	BT	3	1	3.00	1.20	\$60.00	1.00	0.40	\$20.00
A	6505015860607	GRISEOFULVIN ULTRAMICROSIZE 250MG TB 100S	BT	3	3	3.00	0.06	\$302.22	3.00	0.06	\$302.22
D	6505001538480	HYDROGEN PEROXIDE TOPICAL SOL 1PINT (473 ML)	BT	10	0	10.96	2.00	\$112.70	0.00	0.00	\$0.00
B	6505013165049	IBUPROFEN ORAL SUSP 100MG/5ML FLAVOR 120ML BT	BT	144	180	57.74	1.58	\$1,537.92	72.18	1.98	\$1,922.40
B	6505001288035	IBUPROFEN TABLETS 400MG 500S	BT	2	4	2.72	0.09	\$14.76	5.44	0.18	\$29.52
D	6505015419595	LEVALBUTEROL TARTRATE 45MCG INH W/ADAPT 15GM	EA	2	0	0.66	0.22	\$46.32	0.00	0.00	\$0.00
D	6505005986116	LIDOCAINE HYDROCH INJ 1.0%/ML 50ML	BT	8	0	1.99	0.80	\$153.76	0.00	0.00	\$0.00
D	6505010666568	LOPERAMIDE HYDROCH CAPS 2MG 100S	BT	5	0	0.50	0.50	\$34.45	0.00	0.00	\$0.00
D	6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	PG	1	0	0.93	0.10	\$25.05	0.00	0.00	\$0.00

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
G	6505001656519	MEASLES MUMPS RUBELLA VACCINE LIVE DS 10S	PG	4	4	2.00	0.26	\$1,549.56	2.00	0.26	\$1,549.56
D	6505013881364	MEBENDAZOLE TAB 100MG I.S. 12S	PG	3	0	0.22	0.30	\$129.75	0.00	0.00	\$0.00
G	6505015273994	MENINGOCOCCAL VAC GRPS A,C,Y,W-13 0.5ML VI 5S	PG	3	3	1.65	0.36	\$620.31	1.65	0.36	\$620.31
B	6505015885660	METHYLPREDNISOLONE SODIUM SUCCINATE FOR INJ USP PWDR 500MG	VI	6	16	0.90	0.30	\$77.22	2.40	0.80	\$205.92
A	6505001181573	MILK OF MAGNESIA 30ML CUP INDIV SEALED100S	PG	1	1	9.36	0.67	\$24.52	9.36	0.67	\$24.52
C	6505011561849	MULTIVITAMIN SOLUTION PEDIATRIC 50ML BT	BT	24	8	6.00	1.32	\$60.24	2.00	0.44	\$20.08
C	6505010602393	MULTIVITAMIN TABLETS 100S	BT	24	2	0.72	57.23	\$43.68	0.06	4.77	\$3.64
C	6505010430230	NEOMYCIN POLYMY HYDROCORT OTIC SUSP 10ML	BT	18	5	2.16	0.18	\$24.66	0.60	0.05	\$6.85
C	6505008902013	NYSTATIN CREAM 100000UNITS/GM 15GM TUBE	TU	20	8	1.40	0.06	\$26.20	0.56	0.02	\$10.48
D	6505013218812	PERMETHRIN CREAM 60GM TUBE	TU	5	0	0.83	0.50	\$165.10	0.00	0.00	\$0.00
A	6505005594819	PHENOBARBITAL ELIXIR 4MG/ML 1PT BT	BT	2	2	4.34	0.17	\$4.62	4.34	0.17	\$4.62
B	6505005306470	PREDNISONE TABLETS 5MG 1000S	BT	1	2	0.69	0.02	\$6.93	1.38	0.03	\$13.86
C	6505001486967	PYRANTEL PAMOATE ORAL SUSP 50MG 60ML	BT	4	2	1.60	0.04	\$27.28	0.80	0.02	\$13.64
A	6505011868437	PYRETHRINS AND PIPERONYL BUTOXIDE SOL 4OZ 12S	PG	1	1	8.00	0.20	\$124.35	8.00	0.20	\$124.35
G	6505015138441	RACEPINEPHRINE INHAL SOL 0.5ML VI 30S	PG	2	2	1.10	0.24	\$84.42	1.10	0.24	\$84.42
A	6505013122953	RANITIDINE ORAL SOL 145MG/ML 16FL OZ BT	BT	5	5	10.40	0.22	\$595.60	10.40	0.22	\$595.60
A	6505014209272	SALTS ORAL REHYDRAT MOD UNFLAVORED 50S	PG	1	1	1.85	0.02	\$100.00	1.85	0.02	\$100.00
D	6505012870626	SOD CHLOR INJ 0.9% 10ML VI 25S	PG	1	0	0.25	0.00	\$6.77	0.00	0.00	\$0.00
D	6505013308926	SOD CHLOR IRRIGATION 0.9% 1000ML 16S	PG	3	0	99.00	9.00	\$73.44	0.00	0.00	\$0.00

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
G	6505010270180	SODIUM CHL INHAL SOL 3ML VI 100S	PG	1	1	0.25	0.06	\$14.57	0.25	0.06	\$14.57
A	6505013723425	SODIUM CHL INJ 500ML BAG 24S	PG	1	1	6.75	0.12	\$13.68	6.75	0.12	\$13.68
D	6505013306269	SODIUM CHLORIDE FOR INJ 1000ML BAG 12S	PG	4	0	96.00	12.00	\$46.32	0.00	0.00	\$0.00
C	6505010238713	SULFACETAMIDE SOD OPTHAL SOL 15ML	BT	12	7	0.84	1.20	\$33.96	0.49	0.70	\$19.81
D	6505012804733	SULFADIAZINE SILVER CREAM 1% 85GM	TU	3	0	0.45	0.30	\$16.17	0.00	0.00	\$0.00
B	6505010867611	SULFAMETHOXAZOLE & TRIMETH ORAL SUSP 473ML BT	BT	24	44	54.00	1.25	\$98.88	99.00	2.29	\$181.28
D	6505006828194	TRIAMCINOLONE ACETONIDE CREAM 0.1% 15 GM	TU	12	0	1.20	1.20	\$9.24	0.00	0.00	\$0.00
G	6505015182864	VACCINE HEP A INACT 25U/0.5ML SGL DS VI 10S	PG	4	4	2.20	0.48	\$784.76	2.20	0.48	\$784.76
G	6505014910528	VACCINE POLIOVIRUS INACT MOD .5ML 10-DOSE VI	VI	4	4	2.20	0.48	\$932.24	2.20	0.48	\$932.24
A	6505014781148	VITAMIN A CAPS 25000 IU 100S	BT	3	3	1.65	0.05	\$13.68	1.65	0.05	\$13.68
C	6505011561794	VITAMIN MULTI & IRON ORAL SOL 50ML	BT	24	1	5.52	0.31	\$36.72	0.23	0.01	\$1.53
B	6505014939572	ZINC OXIDE OINTMENT 4OZ TUBE 36S	PG	1	2	0.55	0.11	\$59.80	1.10	0.22	\$119.60
<b>Consumables</b>											
A	6510013215603	ADHESIVE LIQ SURG STER CLEAR LOW TOX 192S	PG	1	1	5.20	0.01	\$120.65	5.20	0.01	\$120.65
A	6515014502045	ADMIN SET INFUSION PUMP U/W MEDSYS III 50S	PG	1	1	3.00	1.00	\$454.91	3.00	1.00	\$454.91
A	6515015554167	ADMIN SET WING SCALP VEIN PED 23G	PG	1	1	1.00	1.50	\$227.04	1.00	1.50	\$227.04
A	6515012331920	AIRWAY NASOPHARYN 8MM OD SMOOTH EDGES 10S	PG	1	1	0.25	0.07	\$49.39	0.25	0.07	\$49.39
A	6515012331918	AIRWAY NASOPHARYN PORTEX 8MM ID 10.5MM OD 10S	PG	1	1	0.69	0.16	\$31.50	0.69	0.16	\$31.50
A	6515012331919	AIRWAY NASOPHARYN PORTEX DSGN PLAS 7MM ID 10S	PG	1	1	0.25	0.07	\$4.49	0.25	0.07	\$4.49
A	6515011800467	AIRWAY NASOPHARYN ROBERTAZZI 28FR TIP 12S	PG	1	1	0.55	0.05	\$101.43	0.55	0.05	\$101.43

Note. A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6515009051473	APPLICATOR PLAS/WOOD ROD 6IN STER 2000S	PG	1	1	0.65	0.65	\$41.18	0.65	0.65	\$41.18
A	6510010087917	APPLICATOR POV-IOD IMPREG TIP 4IN 3/PK 150S	PG	1	1	2.00	0.28	\$50.18	2.00	0.28	\$50.18
A	6515015005746	BAG RECLOSABLE 3INX4IN CLEAR LABELIN BX 1000S	PG	1	1	30.00	375.00	\$12.95	30.00	375.00	\$12.95
A	6530011075798	BAG STERILIZATION-BIOHAZ DISP 36X24IN 200S	PG	1	1	17.00	0.44	\$137.23	17.00	0.44	\$137.23
A	6530009354120	BAG URINE COLL PED PLAS NONSTER 200 CM 100S	PG	1	1	1.70	0.12	\$85.25	1.70	0.12	\$85.25
D	6510005977469	BANDAGE ADH.75X3IN STER DRESS 100S	PG	3	0	0.78	0.06	\$15.45	0.00	0.00	\$0.00
D	6510009355822	BANDAGE ELASTIC ROLLED ACE 4INX4.5YDS 12S	PG	2	0	4.00	2.00	\$35.32	0.00	0.00	\$0.00
A	6510009355820	BANDAGE ELASTIC ROLLED NONSTER 4.5YDX2 12S	PG	2	2	2.38	15.52	\$16.62	2.38	15.52	\$16.62
D	6510005827993	BANDAGE GAUZE ROLL 5YDX3IN 6 PLY 12S	PG	2	0	2.08	2.00	\$19.98	0.00	0.00	\$0.00
D	6510002011755	BANDAGE MUSLIN COMPRESS OLIVE 37X37X52IN	EA	24	0	3.00	5.55	\$49.68	0.00	0.00	\$0.00
A	6530010752723	BASIN 7QT WASH PLASTIC DISPOSABLE 100S	PG	1	1	55.00	1.00	\$19.20	55.00	1.00	\$19.20
D	6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	PG	1	0	1.00	0.10	\$5.28	0.00	0.00	\$0.00
A	6532014980601	BLANKET WARMNG HYPOTHERMIA 60X37IN 10S	PG	1	1	0.20	0.18	\$66.00	0.20	0.18	\$66.00
A	6515014486250	BLOOD SAMPLE COLLECTING KIT 25GA X 0.75IN CRES NEEDLE 200S	PG	1	1	0.50	0.50	\$353.51	0.50	0.50	\$353.51
A	6530011536373	BOTTLE NURSING LOW BIRTH INFANT 60ML 100S	PG	1	1	10.00	1.50	\$60.39	10.00	1.50	\$60.39
B	6530015627381	BOTTLE SAFETY CAP PLASTIC 2OZ AMBER	PG	1	2	8.00	1.00	\$69.17	16.00	2.00	\$138.34
B	6530015627274	BOTTLE SAFETY CAP PLASTIC 4 OZ OVAL AMBER CHILD RESISTANT 90S	PG	1	2	0.65	1.25	\$76.73	1.30	2.50	\$153.46
G	6515011991992	CANNULA NASAL O2 CHILD 84IN TU CRVD TIP 50S	PG	1	1	0.11	0.01	\$77.29	0.11	0.01	\$77.29
A	6515004588413	CATH & CONN SUCT TRACH 10FR 50S	PG	1	1	5.00	0.77	\$18.08	5.00	0.77	\$18.08

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6515015407643	CATH & CONN SUCT TRACH DISP AND STER 20S	PG	1	1	0.50	0.06	\$650.00	0.50	0.06	\$650.00
A	6515014885452	CATH IV 20GA 1-1/4IN NDL 200S	PG	1	1	0.28	0.19	\$650.00	0.28	0.19	\$650.00
A	6515015210043	CATH IV SAFETY SHLD ANGIOCATH 22GAGE 200S	PG	1	1	0.30	0.40	\$550.00	0.30	0.40	\$550.00
A	6515012090703	CATH THORACIC 12FR STRAIGHT STYLE 20IN 10S	PG	1	1	0.85	0.12	\$56.44	0.85	0.12	\$56.44
A	6515012090702	CATH THORACIC 16FR STRAIGHT STYLE 4 EYES 10S	PG	1	1	0.85	0.12	\$56.44	0.85	0.12	\$56.44
A	6515003605162	CATH UMBILICAL 3.5FR INFANT OPEN TIP 15IN 10S	PG	1	1	0.67	0.13	\$103.76	0.67	0.13	\$103.76
A	6515001335877	CATH UMBILICAL 5FR INFANT OPEN TIP 15IN 10S	PG	1	1	0.67	0.13	\$79.56	0.67	0.13	\$79.56
A	6515011511810	CATH URETHRAL DRAIN CHILLD 10FR 3CC 12S	PG	1	1	1.14	0.33	\$151.53	1.14	0.33	\$151.53
A	6515011535109	CATH URETHRAL FOLEY 8FR CHILD 3CC DISP12S	PG	1	1	0.92	0.26	\$25.11	0.92	0.26	\$25.11
A	6515015475802	CATHETER & NDL IV INTROCAN 24GA 3/4IN WING 20	PG	1	1	0.01	0.01	\$500.00	0.01	0.01	\$500.00
A	6515015433209	COLLAR EXTRICATION ADJ 30S	PG	1	1	2.35	0.15	\$651.00	2.35	0.15	\$651.00
G	6515011972946	CONNECTOR O2 TUBING ONEWAY STRAIGHT SMALL 50S	PG	1	1	0.28	0.03	\$6.42	0.28	0.03	\$6.42
A	6530011732269	CONTAINER SHARPS AUTOCLAV 2GL 20S	PG	1	1	0.01	0.00	\$112.41	0.01	0.00	\$112.41
A	6550015122238	CONTROL GLUCOSE COMFORT U/W ACCU-CHEK 2S	PG	1	1	0.35	0.01	\$11.22	0.35	0.01	\$11.22
A	6515012031332	COVER ELECTRONIC THERMOMETER PROBE DISP 1000S	PG	1	1	0.22	0.21	\$18.78	0.22	0.21	\$18.78
D	6515013671094	COVER THERMOMETER ELECT PROBE PLAS DISP 800S	PG	1	0	0.30	0.10	\$51.88	0.00	0.00	\$0.00
A	6530013750171	CUP SPEC PLASTIC 4 OZ SCREW TOP STER BLISTER PG 100S	PG	1	1	5.60	1.90	\$48.96	5.60	1.90	\$48.96
A	6515012908955	CURETTE EAR PED FLEX-LOOP 7IN BLUNT 50S	PG	1	1	0.12	0.01	\$34.04	0.12	0.01	\$34.04
D	6515003245500	DEPRESSOR TONGUE 6X0.75X0.062IN STRAIGHT 100S	PG	3	0	2.00	0.30	\$9.24	0.00	0.00	\$0.00

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6515013682874	DETECTOR END-TIDAL CO2 ADULT 6S	PG	1	1	0.25	0.10	\$10.98	0.25	0.10	\$10.98
B	6532013195121	DIAPER INFANT SZ DISP 192S	PG	1	2	8.55	0.11	\$47.58	17.10	0.22	\$95.16
B	6532015228052	DIAPER INFANT SZ MED INFANTS 12-24 LBS 136S	PG	1	2	7.93	1.09	\$24.00	15.86	2.19	\$48.00
B	6532013501824	DIAPER INFANT'S SZ SMALL TO 14 LBS PLAS POLYETHYLENE DISP 160S	PG	1	2	20.00	3.00	\$20.26	40.00	6.00	\$40.52
A	6515015274681	DRAINAGE UNIT PLEURAL CAVITY DRY SUCTION 6S	PG	1	1	2.00	1.89	\$289.50	2.00	1.89	\$289.50
B	6515011535752	ELECTRODE EKG PREGELLED 4.4CM DIA 25S	PG	1	2	3.00	0.23	\$9.75	6.00	0.46	\$19.50
A	6515015092920	ELECTRODE SET 12-LEADS ECG 6/PK 100S	PG	1	1	0.19	0.12	\$96.00	0.19	0.12	\$96.00
A	8940012797061	FORMULA INFANT FEEDING POWDERED 16 OZ	CN	5	5	0.50	0.01	\$1,146.75	0.50	0.01	\$1,146.75
D	6515014618933	GLOVE PATIENT EXAM 9.5IN N-DEX NITR MED 100S	PG	10	0	13.30	1.70	\$172.30	0.00	0.00	\$0.00
D	6515014915719	GLOVE PATIENT EXAM PURPLE SZ 10 LARGE 100S	PG	20	0	5.80	5.40	\$340.00	0.00	0.00	\$0.00
D	6515014618939	GLOVE PATIENT EXAM SM N-DEX NIRTILE RBBR 100S	PG	10	0	10.00	1.00	\$93.80	0.00	0.00	\$0.00
A	6515015196343	GLOVE SURG LATEX PWDRFREE SZ 7 STER 50S	PG	1	1	5.00	0.13	\$142.49	5.00	0.13	\$142.49
D	6515015196348	GLOVE SURG LATEX PWDRFREE SZ 7.5 GAUNT 50S	PG	1	0	5.00	0.13	\$142.49	0.00	0.00	\$0.00
A	6515015196347	GLOVE SURGEON LATEX & POWDER FREE 8 STER 50S	PG	1	1	5.00	0.13	\$142.49	5.00	0.13	\$142.49
A	6515015196342	GLOVES SURGEONS LATEX & PWDR FREE SZ 6.5 STER 50S	PG	1	1	5.00	0.25	\$201.91	5.00	0.25	\$201.91
A	6515015407674	INTRAVENOUS INJ SET 20S	PG	1	1	0.06	0.08	\$120.00	0.06	0.08	\$120.00
A	6515015386272	INTRAVENOUS INJ SET W/2 INJ SITES 48S	PG	1	1	1.50	1.50	\$151.21	1.50	1.50	\$151.21
A	6515013110360	KIT SUTURE SURG 12 COMPONENTS 20S	PG	1	1	1.00	0.50	\$109.70	1.00	0.50	\$109.70
A	6515011511833	KNIFE GEN SURG SIZE 11 STER CARBON STEEL 100S	PG	1	1	0.20	0.10	\$90.75	0.20	0.10	\$90.75

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6240003194549	LAMP FLUORESCENT B27 T BULB STYLE 6IN 4WATTS	EA	1	1	0.10	0.01	\$2.50	0.10	0.01	\$2.50
A	6515013807962	LANCET FOOT BLEEDING W/TRIGGER BLADE 200S	PG	1	1	1.00	0.20	\$493.42	1.00	0.20	\$493.42
A	6515001160654	LUMBAR PUNCTURE KIT PEDIATRIC DISP 10S	PG	1	1	11.00	0.82	\$158.22	11.00	0.82	\$158.22
A	6515013419329	MASK FACE CPR DISP	EA	2	2	0.20	0.00	\$10.52	0.20	0.00	\$10.52
A	6515015511692	MASK ORONASAL EASIVENT INHALER CHAMBER 25S	PG	1	1	0.85	0.18	\$689.63	0.85	0.18	\$689.63
G	6515015508480	MASK ORONASAL EASIVENT MASK SM NEBULIZER	EA	13	13	6.50	0.65	\$143.00	6.50	0.65	\$143.00
G	6515015508526	MASK ORONASAL EASIVENT MASK-MED NEBULIZER	EA	3	3	6.00	0.11	\$33.00	6.00	0.11	\$33.00
A	6515011535584	MASK ORONASAL HUDSON CHILD ELONGATED DISP 50S	PG	1	1	9.00	0.97	\$100.23	9.00	0.97	\$100.23
A	6515014989325	MASK ORONASAL NEONATE SZ 1- 4 DISP STER 20S	PG	1	1	0.28	0.55	\$88.30	0.28	0.55	\$88.30
A	6515007822621	MASK SURG NONWOVEN FABRIC 50S	PG	1	1	0.90	0.20	\$25.12	0.90	0.20	\$25.12
G	6515011680562	NEBULIZER W/MOUTHPIECE & TEE CONN 7FT 50S	PG	1	1	0.68	0.01	\$49.39	0.68	0.01	\$49.39
A	6515007542836	NEEDLE HYPO 20GA 1.438-1.562IN LUER LOCK 100S	PG	1	1	0.76	0.10	\$16.13	0.76	0.10	\$16.13
C	6515015261627	NEEDLE HYPO 22GAX1.5IN SAFETY SHIELDING 50S	PG	4	1	4.88	0.60	\$88.00	1.22	0.15	\$22.00
A	6515015261730	NEEDLE HYPO GP 25GA X1IN SAFETY SHIELD 50S	PG	1	1	5.55	3.65	\$22.00	5.55	3.65	\$22.00
A	6515011562823	NEEDLE HYPO SPINAL 22GAX1.5IN 100S	PG	1	1	0.01	0.00	\$165.00	0.01	0.00	\$165.00
A	6515013101813	NEEDLE I/O INFUSION 18GAX4CM	EA	2	2	0.02	0.00	\$51.60	0.02	0.00	\$51.60
A	6530012292655	NIPPLE NURSING BT ORTHO U/W NEWBORNS 240S	PG	1	1	1.75	0.00	\$130.00	1.75	0.00	\$130.00
A	6530015214385	PACIFIER INFANT LATEX STER REUSABLE NUK 100S	PG	1	1	3.00	1.00	\$195.00	3.00	1.00	\$195.00
A	6530011190015	PAD BED LINEN PROTECT NONWOVEN POLY DISP 300S	PG	3	3	84.00	6.00	\$74.22	84.00	6.00	\$74.22

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6530014445476	PAD COOLING CHEMICAL 24S	PG	1	1	1.25	0.50	\$21.42	1.25	0.50	\$21.42
A	6530012841728	PAD HEATING CHEMICAL PEDIATRIC 100S	PG	1	1	12.00	0.45	\$69.17	12.00	0.45	\$69.17
D	6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED WHITE 200S	PG	7	0	7.00	0.70	\$20.30	0.00	0.00	\$0.00
A	6510010100307	PAD PREP POV-IODINE IMPREG 1X2IN 100S	PG	1	1	0.68	0.05	\$89.94	0.68	0.05	\$89.94
B	6510001428812	PAD WITCH HAZEL-LANOLIN IMPRE 6.5X5.5 IN 100S	PG	1	4	1.10	0.30	\$3.96	4.40	1.20	\$15.84
A	6515014128673	PAPER PRINTER PROPAQ 104 & 106 10S	PG	1	1	2.00	1.00	\$61.77	2.00	1.00	\$61.77
B	6530010923914	PAPER SHEETING EXAM-TREAT 125FTX17.75IN 12S	PG	1	2	12.12	2.00	\$22.63	24.24	4.00	\$45.26
D	7520009357136	PEN BALL-POINT BLACK MED POINT RETRACT 12S	DZ	4	0	1.44	0.58	\$19.24	0.00	0.00	\$0.00
A	6515015139276	RESUSCITATION KIT MOUTH TO MASK BROSELOW PEDS	EA	1	1	16.00	220.81	\$2,369.40	16.00	220.81	\$2,369.40
A	6515014430868	RESUSCITATOR HAND OP READY-TO-USE 10S	PG	1	1	3.00	1.50	\$263.87	3.00	1.50	\$263.87
A	6515013337742	RESUSCITATOR-INHALATOR-ASPIRATOR PED 10S	PG	1	1	3.00	1.80	\$234.99	3.00	1.80	\$234.99
A	6515013337743	RESUSCITATOR-INH-ASP PRTBLE W/ADL MASK 10S	PG	1	1	1.20	0.30	\$184.05	1.20	0.30	\$184.05
A	8520014907358	SANITIZER HAND 40Z. SQUEEZE BOTTLE 24S	PG	1	1	1.00	0.50	\$40.60	1.00	0.50	\$40.60
B	6515013050571	SENSOR O2 MONITOR FOOT NEONATAL 24S	PG	2	3	0.30	0.01	\$1,027.72	0.45	0.02	\$1,541.58
B	6510000547254	SKIN CLOSURE ADH SURG POROUS .50X4IN 6S	PG	1	2	0.71	0.35	\$48.04	1.42	0.70	\$96.08
A	6532013334144	SLEEVE SURGICAL GOWN PLAS STER DISP 60S	PG	1	1	4.00	0.00	\$71.23	4.00	0.00	\$71.23
A	6515015250240	SPECULUM OTOSCOPE 2.75MM DISP 850S	PG	1	1	2.20	3.00	\$29.04	2.20	3.00	\$29.04
A	6515015250236	SPECULUM OTOSCOPE 4.25MM DISP 850S	PG	1	1	20.00	30.00	\$29.04	20.00	30.00	\$29.04
D	6515014854041	SPLINT MALLEABLE FINGER 18X0.75IN 12S	PG	1	0	0.61	0.12	\$14.47	0.00	0.00	\$0.00

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
A	6510007822699	SPONGE SURG 12-PLY GAUZE 8X4IN NONSTER 200S	PG	1	1	2.40	1.00	\$17.20	2.40	1.00	\$17.20
D	6510015309413	SPONGE SURG 2X2 2 PER ENVELOPE 100S	PG	1	0	1.00	1.00	\$5.33	0.00	0.00	\$0.00
A	6510007219808	SPONGE SURG CELL&COT&GAUZE 4X4IN STER 1200S	PG	1	1	13.00	2.63	\$81.29	13.00	2.63	\$81.29
D	6510007822698	SPONGE SURG GAUZ ABS WHITE 4X4IN 8-PLY 200S	PG	1	0	2.00	1.00	\$6.56	0.00	0.00	\$0.00
D	6510007822700	SPONGE SURG12-PLY GAUZE 2X2IN STER 200S	PG	2	0	3.60	2.00	\$3.60	0.00	0.00	\$0.00
A	6515008648864	STOPCOCK IV 3-WAY LUER MALE 20-30IN 50S	PG	1	1	2.00	0.20	\$96.87	2.00	0.20	\$96.87
A	6515012874353	STYLET TRACH TUBE 5FR ROUND TIP HOOK HDL 25S	PG	1	1	0.40	0.07	\$88.94	0.40	0.07	\$88.94
A	6515012066029	SUPPORT ARM BLD&FLUID CHILD W/COVERS 60S	PG	1	1	0.11	0.09	\$74.57	0.11	0.09	\$74.57
A	6515014731966	SUPPORT CERVICAL PED 6-12 YEARS GREEN	EA	1	1	0.55	0.02	\$35.00	0.55	0.02	\$35.00
A	6515012352650	SUPPORT CERVICAL PED X-RAY TRANSP VELCRO	EA	2	2	1.00	0.21	\$26.58	1.00	0.21	\$26.58
D	6515012123136	SUTURE ABS GEN CLO SZ 3-0 27IN VIOLET BR 3S	PG	1	0	0.20	0.20	\$133.65	0.00	0.00	\$0.00
A	6515010615374	SUTURE NONABS 5-0 18IN URO CUTIC NDL MONO 36S	PG	1	1	0.40	0.02	\$25.53	0.40	0.02	\$25.53
A	6515007540412	SYRINGE HYPO 10ML CAP LUER SLIP W/O NDL 100S	PG	1	1	0.70	0.34	\$16.43	0.70	0.34	\$16.43
A	6515007540406	SYRINGE HYPO 5ML CAP LUER SLIP 100S	PG	1	1	4.75	1.00	\$15.33	4.75	1.00	\$15.33
A	6515011656742	SYRINGE HYPO GP 30ML LUER LOCK TIP DISP 25S	PG	1	1	0.60	0.29	\$7.63	0.60	0.29	\$7.63
C	6515009824206	SYRINGE HYPO TUBERCULIN 1ML LUER SLIP 100S	PG	2	1	3.80	2.00	\$23.14	1.90	1.00	\$11.57
A	6515004627348	SYRINGE HYPODERMIC 3ML LUER LOCK 100S	PG	1	1	1.13	0.17	\$12.45	1.13	0.17	\$12.45
A	6515010450029	SYRINGE IRRIG BULB TYPE 3OZ CAP 5IN DISP 50S	PG	1	1	11.04	1.00	\$60.46	11.04	1.00	\$60.46
B	6515013260186	SYRINGE ORAL 5ML CAPACITY PLAS DISP 100S	PG	1	5	0.01	0.00	\$22.24	0.05	0.01	\$111.20

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Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
B	6510008901370	TAPE ADHESIVE SURG POROUS 3INX4YD 4S	PG	1	4	0.67	4.44	\$4.44	2.68	17.76	\$17.76
D	6510009268882	TAPE ADHESIVE SURG POROUS WOVEN 1INX10YD 12S	PG	2	0	2.08	0.08	\$35.14	0.00	0.00	\$0.00
A	6510009268883	TAPE ADHESIVE SURG WOVEN 2INX10YD 6S	PG	1	1	1.07	1.00	\$14.24	1.07	1.00	\$14.24
A	6510009268881	TAPE ADHESIVE SURGICAL POROUS .50INX10YD 24S	PG	1	1	0.83	0.04	\$12.27	0.83	0.04	\$12.27
A	6530011536457	TAPE MEASURING INFANT 5/8X28IN DISP 1000S	BX	1	1	4.00	0.55	\$29.87	4.00	0.55	\$29.87
A	6530015434461	TAPE MEASURING INFANT HEAD CIRCUM 25S	PG	1	1	0.12	0.12	\$65.75	0.12	0.12	\$65.75
A	6550012215400	TEST STRIPS BILIRUB GLU KET N PH LEUK PH 100S	BT	1	1	0.23	0.02	\$105.78	0.23	0.02	\$105.78
D	6550014627399	TEST STRIPS BLD GLUCOSE ACCUCHEK 50S	PG	1	0	0.10	0.52	\$58.00	0.00	0.00	\$0.00
B	6515014615798	TOURNIQUET NONPNEUM VACUTAINER 1INX18IN 25S	PG	1	2	0.39	0.02	\$8.76	0.78	0.03	\$17.52
A	6630015207423	TUBE BLOOD COLLECTING W/SERUM SEPARATOR 200S	PG	1	1	2.25	0.25	\$142.79	2.25	0.25	\$142.79
A	6515011562966	TUBE DRAINAGE SURG THORAC 20FR STR 10S	PG	1	1	0.33	0.03	\$85.26	0.33	0.03	\$85.26
A	6515008413665	TUBE FEEDING SURG E17 NASAL W/LUER TAPER 50S	PG	1	1	0.56	0.04	\$36.78	0.56	0.04	\$36.78
A	6515008413664	TUBE NASAL FEEDING PREMAT INFANT 5FR 15IN 50S	PG	1	1	0.70	0.08	\$35.96	0.70	0.08	\$35.96
A	6515012538118	TUBE TRACH MAGILL W/O CUFF 6MM CHILD SZ 10S	PG	1	1	0.31	0.05	\$28.78	0.31	0.05	\$28.78
A	6515012500372	TUBE TRACH MURPHY 10FR BEVEL SELF- SEALING 10S	PG	1	1	0.30	0.03	\$30.99	0.30	0.03	\$30.99
A	6515012571892	TUBE TRACH MURPHY W/O CUFF 5MM CHILD 10S	PG	1	1	0.60	0.17	\$21.45	0.60	0.17	\$21.45
A	6515011742349	TUBE TRACH MURPHY W/OCUFF 16FR CONN STER10S	PG	1	1	0.01	0.00	\$33.35	0.01	0.00	\$33.35
A	6515012630695	TUBE TRACH ORAL W/O CUFF 3.5MM INFANT 10S	PG	1	1	1.00	0.05	\$53.47	1.00	0.05	\$53.47
A	6515011011948	TUBING SURG FUNNEL TAPER NONCONDUCTIV 100FT	RO	1	1	4.00	1.00	\$25.50	0.00	0.00	\$0.00

Note. A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

Status	NSN	Supply description	UI	917RB qty	EESP qty	917RB wt (lbs)	917RB cube (cf)	917RB cost	EESP wt (lbs)	EESP cube (cf)	EESP cost
C	6530014622497	WIPE GERMICIDAL 6X6.75IN 160S	PG	6	1	9.30	2.10	\$41.70	1.55	0.35	\$6.95

*Note.* A = quantity unchanged; B = quantity increase; C = quantity decrease; D = delete; E = add, deleted replacement item; F = add new item; G = not modeled

**Appendix F.**  
**PEDS Items Recommended for Optimization from 938AE and 938AK**

NSN	Supply description	UI	AS number	EESP qty	EESP wt (lbs)	EESP cube (cf)	EESP cost
6505011534399	ACETAMINOPHEN SUPP 325MG ADULT RECTAL 12S	PG	938AE	2	0.10	0.20	\$5.88
6505009857301	ACETAMINOPHEN TAB 0.325GM 1000S	BT	938AE	4	3.68	0.40	\$29.20
6505011841250	CARBAMIDE PEROXIDE OTIC 0.5FL OZ	BT	938AE	3	0.25	0.30	\$3.03
6505012192760	CEFTRIAZONE SODIUM 1GM VI 10S	PG	938AE	2	1.39	3.00	\$840.42
6505010235011	CLOTRIMAZOLE CREAM TOPICAL 1% 15GM	TU	938AE	8	0.80	0.80	\$35.12
6505015015408	DEXTROSE INJ 50% 50ML CART- NDL 50S	PG	938AE	2	7.00	0.31	\$71.40
6505015032390	FLUORESCEIN SODIUM OPHTHALMIC STRIPS 1MG 100S	PG	938AE	1	0.10	0.10	\$10.14
6505015326924	FLUTICASONE PROPIONATE INH AER 110MCG/12GM	EA	938AE	30	7.50	3.00	\$3,002.10
6505012139514	GENTAMICIN SULFATE INJ 40MG 2ML VI 25S	PG	938AE	2	0.97	0.20	\$57.36
6505001538480	HYDROGEN PEROXIDE TOPICAL SOL 1PINT (473 ML)	BT	938AE	1	1.10	0.20	\$11.27
6505015419595	LEVALBUTEROL TARTRATE 45MCG INH W/ADAPT 15GM	EA	938AE	30	9.90	3.30	\$694.80
6505005986116	LIDOCAINE HYDROCH INJ 1.0%/ML 50ML	BT	938AE	2	0.50	0.20	\$38.44
6505010666568	LOPERAMIDE HYDROCH CAPS 2MG 100S	BT	938AE	1	0.10	0.10	\$6.89
6505001117829	LUBRICANT SURGICAL 5 GRAM 144S	PG	938AE	1	0.93	0.10	\$25.05
6505013881364	MEBENDAZOLE TAB 100MG I.S. 12S	PG	938AE	2	0.15	0.20	\$86.50
6505013218812	PERMETHRIN CREAM 60GM TUBE	TU	938AE	2	0.33	0.20	\$66.04
6505012870626	SOD CHLOR INJ 0.9% 10ML VI 25S	PG	938AE	1	0.25	0.00	\$6.77
6505013308926	SOD CHLOR IRRIGATION 0.9% 1000ML 16S	PG	938AE	1	33.00	3.00	\$24.48

NSN	Supply description	UI	AS number	EESP qty	EESP wt (lbs)	EESP cube (cf)	EESP cost
6505013306269	SODIUM CHLORIDE FOR INJ 1000ML BAG 12S	PG	938AE	2	48.00	6.00	\$23.16
6505012804733	SULFADIAZINE SILVER CREAM 1% 85GM	TU	938AE	3	0.45	0.30	\$16.17
6505006828194	TRIAMCINOLONE ACETONIDE CREAM 0.1% 15 GM	TU	938AE	20	2.00	2.00	\$15.40
6510005977469	BANDAGE ADH.75X3IN STER DRESS 100S	PG	938AK	1	0.26	0.02	\$5.15
6510009355822	BANDAGE ELASTIC ROLLED ACE 4INX4.5YDS 12S	PG	938AK	1	2.00	1.00	\$17.66
6510005827993	BANDAGE GAUZE ROLL 5YDX3IN 6 PLY 12S	PG	938AK	1	1.04	1.00	\$9.99
6510002011755	BANDAGE MUSLIN COMPRESS OLIVE 37X37X52IN	EA	938AK	4	0.50	0.93	\$8.28
6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	PG	938AK	1	1.00	0.10	\$5.28
6515003245500	DEPRESSOR TONGUE 6X0.75X0.062IN STRAIGHT 100S	PG	938AK	4	2.67	0.40	\$12.32
6515014618933	GLOVE PATIENT EXAM 9.5IN N-DEX NITR MED 100S	PG	938AK	7	9.31	1.19	\$120.61
6515014915719	GLOVE PATIENT EXAM PURPLE SZ 10 LARGE 100S	PG	938AK	7	2.03	1.89	\$119.00
6515014618939	GLOVE PATIENT EXAM SM N-DEX NIRTILE RBBR 100S	PG	938AK	5	5.00	0.50	\$46.90
6515015196348	GLOVE SURG LATEX PWDRFREE SZ 7.5 GAUNT 50S	PG	938AK	1	5.00	0.13	\$142.49
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED WHITE 200S	PG	938AK	1	1.00	0.10	\$2.90
7520009357136	PEN BALL-POINT BLACK MED POINT RETRACT 12S	DZ	938AK	1	0.36	0.14	\$4.81
6515014854041	SPLINT MALLEABLE FINGER 18X0.75IN 12S	PG	938AK	1	0.61	0.12	\$14.47
6510015309413	SPONGE SURG 2X2 2 PER ENVELOPE 100S	PG	938AK	1	1.00	1.00	\$5.33
6510007822698	SPONGE SURG GAUZ ABS WHITE 4X4IN 8-PLY 200S	PG	938AK	1	2.00	1.00	\$6.56
6510007822700	SPONGE SURG12-PLY GAUZE 2X2IN STER 200S	PG	938AK	1	1.80	1.00	\$1.80
6515012123136	SUTURE ABS GEN CLO SZ 3-0 27IN VIOLET BR 3S	PG	938AK	1	0.20	0.20	\$133.65

NSN	Supply description	UI	AS number	EESP qty	EESP wt (lbs)	EESP cube (cf)	EESP cost
6510009268882	TAPE ADHESIVE SURG POROUS WOVEN 1INX10YD 12S	PG	938AK	1	1.04	0.04	\$17.57
6550014627399	TEST STRIPS BLD GLUCOSE ACCUCHEK 50S	PG	938AK	1	0.10	0.52	\$58.00

**Appendix G.**  
**ICD-9 Coded Patient Types Included in the INTMED**  
**Patient Stream**

<b>ICD-9</b>	<b>ICD-9 description</b>	<b>No. pts</b>
466	ACUTE BRONCHITIS	25
580.9	ACUTE NEPHRITIS NOS	2
584.9	ACUTE RENAL FAILURE NOS	3
465.9	ACUTE URI NOS	119
995	ANAPHYLACTIC SHOCK	1
493.9	ASTHMA NOS	21
493.92	ASTHMA NOS W (AC) EXAC	6
682.9	CELLULITIS NOS	55
786.5	CHEST PAIN NOS	35
582.9	CHRONIC NEPHRITIS NOS	2
571.5	CIRRHOSIS OF LIVER NOS	1
453.42	DVT/EMB DISTAL LOWER EXT	5
992.2	HEAT CRAMPS	1
128.9	HELMINTHIASIS NOS	1
401.9	HYPERTENSION NOS	33
919.4	INSECT BITE NEC	1
533.9	PEPTIC ULCER NOS	2
5	STAPH FOOD POISONING	4
592.9	URINARY CALCULUS NOS	3
<b>PATIENT TOTAL</b>		<b>320</b>



**Appendix H.**  
**INTMED Allowance Standard Recommended Configuration**

NSN	Supply description	UI	Total qty used (UI)	Total wt (lbs)	Total cube (cf)	Total cost
<b>Equipment</b>						
6515015590741	HOLDER INJ SYRINGE PLAS REUSABLE FULL	EA	1	0.06	0.03	\$0.12
6530014325114	LITTER RIGID FOLDING RAVEN POLYPROPYLENE	EA	1	11.00	0.02	\$276.25
6515001656544	OTOSCOPE & OPHTHALMOSCOPE SET ELEC BTRY	SE	1	1.32	1.00	\$476.67
6545014666199	PACK MEDICAL SUPPORT 12INX14INX7IN DEEP BLACK	EA	1	2.00	0.80	\$447.00
6515010394884	SPHYGMOMANOMETER ANEROID 300MM	EA	1	0.96	0.10	\$15.75
6515013146694	STETHOSCOPE LITTMAN CLASSIC II 28IN	EA	3	2.58	0.75	\$148.23
6530006600034	SUPPORT LITTER FOLDING LIGHTWEIGHT ALUM THERMOMETER CLINICAL HUMAN TYMPANIC	PR	2	27.50	2.00	\$244.74
6515015587320	THERMOSCAN	EA	1	1.00	0.20	\$223.76
<b>Medicine</b>						
6505009857301	ACETAMINOPHEN TAB 0.325GM 1000S	BT	2	1.84	0.20	\$14.60
6505001484631	ALUMIN HYDROX GEL DRIED MAGN TRISIL TAB 100S	BT	1	0.49	0.10	\$2.73
6505014491635	AZITHROMYCIN TAB 250MG 30S	BT	10	5.00	2.20	\$1,782.60
6505001656545	CEPHALEXIN CAP 250MG 100S	BT	16	3.36	1.60	\$91.04
6505013334154	CIPROFLOXACIN TAB 500MG 100S	BT	1	0.65	0.12	\$362.25
6505005317761	DIGOXIN INJ 0.25MG/ML 2ML AMP 10S	PG	4	1.00	2.43	\$123.92
6505013092741	DILTIAZEM HYDROCH CAP 60MG 100S	BT	5	0.56	0.50	\$347.70
6505015055281	DILTIAZEM HYDROCH INJ 5MG/ML 10ML VI 10S	PG	4	4.00	0.60	\$131.36

NSN	Supply description	UI	Total qty used (UI)	Total wt (lbs)	Total cube (cf)	Total cost
6505011534335	DOXYCYCLINE HYCLATE TAB 100MG 500S	BT	1	0.31	0.10	\$50.55
6505012149062	IBUPROFEN TAB 800 MG 500S	BT	1	1.43	0.10	\$124.26
6505015419595	LEVALBUTEROL TARTRATE 45MCG INH W/ADAPT 15GM	PG	4	1.32	0.44	\$92.64
6505014446633	LEVOFLOXACIN TAB 250 MG 100S	PG	11	6.05	1.32	\$3,316.50
6505013881364	MEBENDAZOLE TAB 100MG I.S. 12S	PG	1	0.07	0.10	\$43.25
6505010906797	METOPROLOL TARTRATE TAB 50MG 100S	BT	7	2.38	0.70	\$32.55
6505012668634	POTASSIUM CHLORIDE EXT-RELEASE 100S	PG	5	1.75	0.50	\$90.55
6505013740524	POTASSIUM CHLORIDE INJ CONC 50ML BAG 24S	PG	2	17.50	0.31	\$121.56
6505011684445	PRAZIQUANTEL TAB 600MG 6S	BT	1	0.05	0.10	\$60.41
6505013648557	PROMETHAZINE HYDROCH TAB 25MG 100S	BT	1	0.20	0.14	\$64.56
6505014939575	RABEPRAZOLE SODIUM TAB 20MG 90S	BT	1	0.55	0.12	\$334.56
6505011313855	VERAPAMIL HYDROCH INJ 5MG/2ML VI 5S	PG	7	2.14	0.70	\$26.39
<b>Consumable</b>						
6530014504767	BAG BIOHAZARD DISP 43X30IN 14 MICRON 500S	PG	1	3.00	1.68	\$51.03
6135009857845	BATTERY NONRECHARGEABLE 1.5V CELL AA 24S	PG	1	1.00	0.10	\$5.28
6515013671094	COVER THERMOMETER ELECT PROBE PLAS DISP 800S	PG	1	0.30	0.10	\$51.88
6515003245500	DEPRESSOR TONGUE 6X0.75X0.062IN STRAIGHT 100S	PG	1	0.67	0.10	\$3.08
6515014618933	GLOVE PATIENT EXAM 9.5IN N-DEX NITR MED 100S	PG	5	6.65	0.85	\$86.15
6515014915719	GLOVE PATIENT EXAM PURPLE SZ 10 LARGE 100S	PG	5	1.45	1.35	\$85.00
6515014618939	GLOVE PATIENT EXAM SM N-DEX NIRTILE RBBR 100S	PG	4	4.00	0.40	\$37.52

NSN	Supply description	UI	Total qty used (UI)	Total wt (lbs)	Total cube (cf)	Total cost
6515009827493	MASK SURG NONSTER NONWOVEN FABRIC 50S	PG	1	0.60	1.00	\$10.02
6515007542838	NEEDLE HYPO 21GA 1.185-1.312IN LUER LOCK 100S	PG	1	0.76	0.10	\$8.27
6530014445476	PAD COOLING CHEMICAL 24S	PG	1	1.25	0.50	\$21.42
6510007863736	PAD ISOPROPYL ALCOHOL IMPREGNATED WHITE 200S	PG	1	1.00	0.10	\$2.90
7520009357136	PEN BALL-POINT BLACK MED POINT RETRACT 12S	DZ	1	0.36	0.14	\$4.81
8520014907358	SANITIZER HAND 40Z. SQUEEZE BOTTLE 24S	PG	1	1.00	0.50	\$40.60
6515015250236	SPECULUM OTOSCOPE 4.25MM DISP 850S	PG	1	20.00	30.00	\$29.04
6515004627348	SYRINGE HYPODERMIC 3ML LUER LOCK 100S	PG	1	1.13	0.17	\$12.45
6510013716439	TOWELETTE BENZALKONIUM CHL 11X11IN 3X50 150S	PG	3	3.00	0.30	\$429.99

## REPORT DOCUMENTATION PAGE

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<b>14. ABSTRACT</b> <p>The Naval Health Research Center (NHRC) has used its modeling and simulation capability to develop and update conventional U.S. Air Force medical assets since 2004. Air Force medical modeling capabilities currently capture care and treatment of the sick and injured from the first responder through theater hospitalization. The objective of this study was to leverage medical modeling and simulation advantages to provide recommendations for allowance standard configurations based on the Air Force EMEDS Specialty Care Augmentation Team operational and clinical requirements, specifically the Gynecology 917RA (GYN), Pediatrics 917RB (PEDS), and Internal Medicine (INTMED) components.</p> <p>NHRC analysts reviewed the GYN, PEDS and INTMED, analyzed clinical requirements with subject matter experts, and used modeling and simulation tools to develop the operationally based and patient-driven recommended 917RA, 917RB, and INTMED line list. The Unit Type Code capabilities, operational requirements, and materiel solutions were identified, and issues of clinical requirement, standardization, and redundancy were addressed. In summary, the 917RA shows a 30% decrease in weight, 37% decrease in volume (cube), and 43% decrease in cost; the 917RB shows an 11% decrease in weight, 10% decrease in cube, but a 2% increase in cost. No allowance standard was available for comparison to the INTMED, but a baseline was developed based on clinical requirements and the number of patients seen in the patient stream.</p>						
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